EOG Resources, Inc. P.O. 1910 Vernal, UT 84078

January 19, 2006

Utah Division of Oil, Gas, & Mining 1594 West North Temple, Suite 1210 P.O. Box 145801 Salt Lake City, UT 84114-5801

> RE: APPLICATION FOR PERMIT TO DRILL WILD HORSE FEDERAL 107-34 SE/SW, SEC. 34, T10S, R19E UINTAH COUNTY, UTAH LEASE NO.: U-49523 FEDERAL LANDS

Enclosed please find a copy of the Application for Permit to Drill and associated attachments for the referenced well.

Please address further communication regarding this matter (including approval) to:

Ed Trotter

P.O. Box 1910 Vernal, UT 84078

Phone: (435)789-4120 Fax: (435)789-1420

Sincerely,

Agent

EOG Resources, Inc.

Attachments

RECEIVED FEB 0 2 2006

1a. Type of Work:

|X DRILL

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0137
Expires March 31, 2007

5. Lease Serial No.

U	-4	9	5	2	3

If Indian, Allottee or Tribe Name

If Unit or CA Agreement, Name and No.

la. Type of Work:	X DRIL	L	REENTI	ER		ii oint of v	CA Agicci	ment, Name and No.
1b. Type of Well:	Oil Well	X Gas Well Oth	ner X Si	ngle Zone Multiple Zone	8.	Lease Nam		ll No. FEDERAL 107-34
2. Name of Operato		L This			9.	API Well N	No.	
EOG RES	OURCES	, INC.				42-	<i>Λ</i> 47	37681
3a. Address P.C). BOX 18	B15	3b. Phor	ne No. (Include area code)	10	Field and Po	ol or Evni	lorotorii
VE		JT 84078	(43	35)789-0790		NATUE		
4. Location of Well	(Report locati	ion clearly and in accorde	ance with any St	ate requirements.*)	11.	Sec., T., R.,	M., or Bl	c. and Survey or Area
At surface	825' FSI	., 2152' FWL Q	05219X	SE/SW		SEC. 34	. T10S	R10F
At proposed prod	l. Zone	4	4170054	ate requirements.*) 39.898484 SE/SW - 109.769217			B.&M	
14. Distance in mile	s and direction	from nearest town or pos	st office*	. , , , , ,		County or Pa		
<u> 24.67 MII</u>	ES SOU	THWEST OF O	URAY, U	ГАН	12.	UINTA		13. State UTAH
15. Distance from p location to neare	roposed*		16. No. of A	cres in lease	17. Spa	cing Unit ded	licated to t	his well
property or lease (Also to nearest d	5 HH, C., IL.	25'	320	,	4	0		
								
Distance from proto nearest well, or			19. Proposed	Depth		I/BIA Bond N	No. on file	
applied for, on the		See Topo Map C	8075	5'	N	M-2308		
21. Elevations (Show	w whether DF,	KDB, RT, GL, etc.)	22. Approxir	nate date work will start*		23. Es	ti mated d	uration
5372.6 FE	ET GRAI	DED GROUND		N APPROVAL		ı	5 DAY	
Attachments			24. A	ttachments				
	completed in a	ccordance with the requir	ements of Onsho	ore Oil and Gas Order No. 1, sl	hall be attac	hed to this fo	rm:	
1. Well plat cer	rtified by a regi	stered surveyor.		4. Bond to cover the				death at the second
2. A Drilling P	ian.	ocation is on National Fo	most Cumtum 7	(cee Item 20 ab.	ove).	unicss covere	u by an ex	asting bond on file
SUPO shall	be filed with th	e appropriate Forest Serv	ice Office).	ds, the 5. Operator certificati 6. Such other site spec	ion. cific informa	ation and/or p	lans as ma	av be required
			1	by the authorize	ed officer.	<u> </u>		
25. Signature	Λ		Name (Prin				D	ate
	d Li\ri	tt	Ed Tro	tter			J	anuary 19, 2006
Title Agent								
Approved by (Sig	Marke		Name (Pr	inted/Typed)		; r	Date	
K W				ADLEY G. HILL DIMENTAL SCIENTIST	111	i 1	_	R/ a la
Title	have		Office			<u> </u>	02	06-06
*	1/2		i dinoc					
Application approval	does not warra	nt or certify that the appli	cant holds legal	or equitable title to those rights	in the subje	ect lease which	ch would e	ntitle the applicant to
conduct operations the Conditions of Approv	SICOII.			Ţ	,		· •	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any person knowingly and willfully any person known and any person known and any person known and any person

United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

FEB 0 2 2006

EOG RESOURCES, INC. T10S, R19E, S.L.B.&M. Well location, WILD HORSE FEDERAL #107-34, located as shown in the SE 1/4 SW 1/4 of N89'54'13"W - 2624.27' (Meas.) Section 34, T10S, R19E, S.L.B.&M. Uintah N89°54'31"W - 2624.89' (Meas.) 1956 Brass Cap. County, Utah. 1956 Brass 1956 Brass Can Pile of Stones BASIS OF ELEVATION Cap 0.6' High. Pile of Stones. Pile of Stones 0.8' High, E-W 2661.58' (Meas. Fenceline SPOT ELEVATION AT THE SOUTHWEST CORNER OF SECTION 20, T10S, R20E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN. NW QUADRANGLE, UTAH, UINTAH COUNTY 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5251 FEET. BASIS OF BEARINGS NOO.20,17"E BASIS OF BEARINGS IS A G.P.S. OBSERVATION. 1956 Brass Cap 1.0' High, 34 Pile of Stones 1956 Brass Cap. 0.4' High, Pile of Stones 59, 2660. SCALE CERTIFICATE WILD HORSE FEDERAL #107-34 'n THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM 2152' ,05 Elev. Ungraded Ground = 5375' FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE 49 BEST OF MY KNOWLEDGE AND BELFE 1956-2" Brass REGISTERED LAND SURVEYOR Cap in Large Pile 1956 Brass Cap, T10S REGISTRATION NO. 161319 of Stones 2" Brass Cap in STATE OF UTAH Pile of Stones N89°12'00"E - 2653.53' (Meas.) T11S N88'45'53"W - 2589.76' (Meas.) UINTAH ENGINEERING & LAND SURVEYING 3 85 SOUTH 200 EAST - VERNAL, UTAH 84078 (NAD 83) (435) 789-1017 LEGEND: LATITUDE = 39.53.54.97" (39.898603) SCALE DATE SURVEYED: DATE DRAWN: LONGITUDE = 109'46'11.77" (109.769936) 1" = 1000'= 90' SYMBOL 6-2-05 6 - 29 - 05PARTY (NAD 27) REFERENCES = PROPOSED WELL HEAD. G.S. LATITUDE = 39.53.55.10" (39.898639) T.B. K.G. G.L.O. PLAT LONGITUDE = 109'46'09.27" (109.769242) WEATHER = SECTION CORNERS LOCATED. FILE WARM EOG RESOURCES. INC.

EIGHT POINT PLAN WILD HORSE FEDERAL 107-34 SE/SW, SEC. 34, T10S, R19E, S.L.B.&M. UINTAH COUNTY, UTAH

1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:

FORMATION	DEPTH (KB)
Green River	1,408'
Wasatch	4,305'
Chapita Wells	4,944'
Buck Canyon	5,619'
North Horn	6,470'
KMV Price River	7,866'

Estimated TD: 8,075' or 200'± below Price River top

Anticipated BHP: 4,200 Psig

1. Fresh Waters may exist in the upper, approximately 1,000 ft \pm of the Green River Formation, with top at about 2,000 ft \pm .

2. Cement isolation is installed to surface of the well isolating all zones by cement.

3. PRESSURE CONTROL EQUIPMENT:

Production Hole – 5000 Psig

BOP schematic diagrams attached.

4. CASING PROGRAM:

1	TOT E CIZI	TAIRTINA TAR	CYCYT	*****				TING FACTOR
1	TOLE SIZI	E INTERVAL	SIZE	<u>WEIGHT</u>	<u>GRADE</u>	THREAD	COLLAPSE	E /BURST/ TENSILE
Conductor		0'-45'	13 ¾"	48.0#	H-40	STC		1730 PSI 322,000#
Surface		45' – 2,300'KB±	9-5/8"	36.0#	J-55	STC	2020 PSI	•
Production	7-7/8"	$2,300' \pm - TD$	4-1/2"	11.6#	N-80	LTC	6350 PSI	7780 Psi 223,000#

Note: 12-1/4" surface hole will be drilled to a total depth of 200'± below the base of the Green River lost circulation zone and cased w/9-5/8" as shown to that depth. Drilled depth may be shallower or deeper than the 2300' shown above depending on the actual depth of the loss zone. All casing will be new or inspected.

5. Float Equipment:

Surface Hole Procedure (0'- 2300'±)

Guide Shoe

Insert Float Collar (PDC drillable)

Centralizers: 1-5' above shoe, top of jts. #2 and #3 then every 5th joint to surface. (15 total)

Production Hole Procedure (2300'± - TD):

Float shoe, 1 joint casing, float collar and balance of casing to surface. 4-½", 11.6#, N-80 or equivalent marker collars or short casing joints to be placed at top of Price River and 400' above top of Wasatch. Centralizers to be placed 5' above shoe on joint #1, top of joint #2, and every 2nd joint to 400' above Wasatch Island top. (30± total). Thread lock float shoe, top and bottom of float collar, and top of 2nd joint.

EIGHT POINT PLAN WILD HORSE FEDERAL 107-34 SE/SW, SEC. 34, T10S, R19E, S.L.B.&M. **UINTAH COUNTY, UTAH**

6. MUD PROGRAM

Surface Hole Procedure (Surface - 2300'±):

Air/air mist or aerated water.

<u>Production Hole Procedure (2300' \pm - TD):</u> Anticipated mud weight 9.5 – 10.0 ppg depending on actual wellbore conditions encountered while drilling.

2300'±-TD A closed mud system will be utilized. A bentonite gelled water mud system will be used to control viscosity w/PHPA polymer used for supplemental viscosity and clay encapsulation/inhibition. Water loss will be maintained at <15cc's using white starch or PAC. Bactericides will be used as needed. Anticipated pH will range from 9.0-10.0. Mud weight will be adjusted as necessary for well control. Deflocculants/thinners will be used as necessary to maintain mud quality. LCM sweeps will be utilized as necessary to control lost circulation and mud loss. CO2 contamination, if encountered, will be treated with lime and gypsum.

7. VARIANCE REQUESTS:

Reference: Onshore Oil and Gas Order No. 2 - Item E: Special Drilling Operations

EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. Due to reduce location excavation, the blooie line will be approximately 75' in length

8. EVALUATION PROGRAM:

Logs:

Mud log from base of surface casing to TD.

Cased-hole Logs:

Cased-hole logs will be run in lieu of open-hole logs consisting of the following:

Cement Bond / Casing Collar Locator and Pulsed Neutron

9. <u>CEMENT PROGRAM:</u>

Surface Hole Procedure (Surface - 2300'±):

Lead:

Class "G" cement with 16% Gel, 10 #/sx Gilsonite, 3% Salt, 2% CaCI₂, 3 lb/sx GR3 1/4 #/sx Flocele mixed at 11 ppg, 3.82 ft³/sk. yield, 23 gps water.

Tail:

Class "G" cement with 2% CaCI₂, ¼#/sk Flocele mixed at 15.6 ppg, 1.18 ft³/sk., 5.2 gps

water.

Top Out: As necessary with Class "G" cement with 2% CaCI₂, ½#/sk Flocele mixed at 15.6 ppg, 1.18

ft³/sk., 5.2 gps water.

Note:

Cement volumes will be calculated to bring lead cement to surface and tail cement to

500'above the casing shoe.

EIGHT POINT PLAN WILD HORSE FEDERAL 107-34 SE/SW, SEC. 34, T10S, R19E, S.L.B.&M. UINTAH COUNTY, UTAH

CEMENT PROGRAM (Continued):

Production Hole Procedure (2300'± - TD)

Lead:

107 sks: 35:65 Poz "G" w/4% D20 (Bentonite), 2% D174 (Extender), 0.2% D65

(Dispersant), 0.2% D46 (Antifoam), 0.75% D112 (Fluid Loss Additive), 0.200% D13 (Retarder), 0.25 pps D29 (cello flakes) mixed at 13.0 ppg, 1.75 ft³/sk., 9.19

gps water.

Tail:

740 sks: 50:50 Poz "G" w/ 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.075% D13

(Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant), mixed at

14.1 ppg, 1.28 ft³/sk., 5.9gps water.

Note:

The above number of sacks is based on gauge-hole calculation.

Lead volume to be calculated to bring cement to 200'± above 9-5/8" casing shoe. Tail volume to be calculated to bring cement to 400'± above top of Wasatch. Final Cement volumes will be based upon gauge-hole plus 45% excess.

10. ABNORMAL CONDITIONS:

Surface Hole (Surface - 2300'±):

Lost circulation

Production Hole (2300'± - TD):

Sloughing shales, lost circulation and key seat development are possible in the Wasatch Formation.

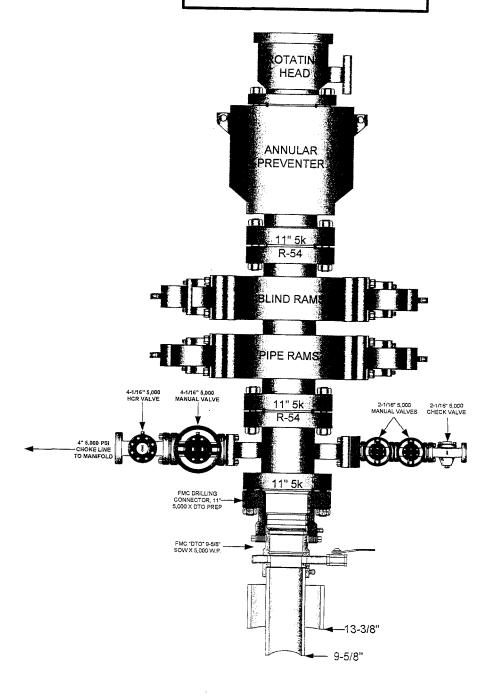
11. STANDARD REQUIRED EQUIPMENT:

- A. Choke Manifold
- B. Upper and Lower Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

12. HAZARDOUS CHEMICALS:

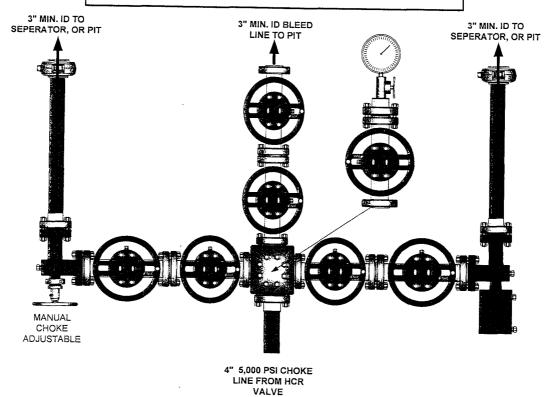
No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

(Attachment: BOP Schematic Diagram)



EOG RESOURCES CHOKE MANIFOLD CONFIGURATION W/ 5,000 PSI WP VALVES

PAGE 2 OF 2



Testing Procedure:

- 1. BOP will be tested with a professional tester to conform to Onshore Order #2.
- 2. Blind and Pipe rams will be tested to rated working pressure, 5,000 psi.
- 3. Annular Preventer will be tested to 50% working pressure, 2,500 psi.
- 4. Casing will be tested to 0.22 psi / ft. or 1,500 psi. Not to exceed 70% of burst strength, whichever is greater.
- 5. All lines subject to well pressure will be tested to the same pressure as blind and pipe rams.
- 6. All BOPE specifications and configurations will meet Onshore Order #2 requirements.

CONDITIONS OF APPROVAL FOR THE SURFACE USE PROGRAM OF THE APPLICATION FOR PERMIT TO DRILL

Company/Operator:

EOG Resources, Inc.

Well Name & Number: Wild Horse Federal 107-34

Lease Number:

U-49523

Location:

825' FSL & 2152' FWL, SE/SW, Sec. 34,

T10S, R19E, S.L.B.&M., Uintah County, Utah

Surface Ownership:

Federal

NOTIFICATION REQUIREMENTS

Location Construction - forty-eight (48) hours prior to construction

of location and access roads.

Location Completion - prior to moving on the drilling rig.

Spud Notice:

- at least twenty-four (24) hours prior to

spudding the well.

Casing String and

Cementing

- twenty-four (24) hours prior to running

casing and cementing all casing strings.

BOP and related

Equipment Tests

- twenty-four (24) hours prior to running

casing and tests.

First Production

Notice

- within five (5) business days after new

Well begins or production resumes after Well has been off production for more

than ninety (90) days.

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

THIRTEEN POINT SURFACE USE PROGRAM

1. EXISTING ROADS

- A. See attached Wellsite Plats showing directional reference stakes on location, and attached TOPO Map "B" showing access to location from existing roads.
- B. The proposed well site is located approximately 24.67 miles southwest of Ouray, Utah See attached TOPO Map "A".
- C. Refer to attached Topographic Map "A" showing labeled access route to location.
- D. Existing roads will be maintained and repaired as necessary. No off lease Right-of-Way will be required.

2. PLANNED ACCESS ROAD

- A. The access road will be approximately 0.35 miles in length. See attached TOPO Map "B".
- B. The access road has a 30 foot ROW w/ 18 foot running surface.
- C. Maximum grade on access road will be 8%.
- D. No turnouts will be required.
- E. Road drainage crossings shall be of the typical dry creek drainage crossing type.
- F. No culverts, bridges, or major cuts and fills will be required.
- G. The access road will be dirt surface.
- H. No gates, cattleguards, or fences will be required or encountered.

New or reconstructed roads will be centerlined - flagged at time of location staking.

The road shall be upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Upgrading shall include ditching, drainage, graveling, crowning, and capping the roadbed as necessary to provide a well-constructed safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot Right-of-Way will not be allowed.

Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossings nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by run off water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided.

As operator, EOG Resources, Inc. shall be responsible for all maintenance on cattleguards, or gates associated with this oil and/or gas operation.

3. <u>LOCATION OF EXISTING WELLS WITHIN A ONE MILE RADIUS OF PROPOSED WELL LOCATION</u>

- A. Abandoned wells 2*
- B. Producing wells 4*
- C. Shut in wells 3*

(*See attached TOPO map "C" for location)

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

A. ON WELL PAD

- 1. Production facilities will be set on location if the well is successfully completed for production. Facilities will consist of wellhead valves, combo separator-dehy unit with meter, 300 Bbl vertical or 200 Bbl low profile, condensate tank, and attaching piping.
- 2. Gas gathering lines A 4" gathering line will be buried from dehy to the edge of the location.

B. OFF WELL PAD

- 1. Proposed location of attendant off pad flowlines shall be flagged prior to archaeological clearance.
- 2. A 4" OD steel above ground natural gas pipeline will be laid approximately 1670' from proposed location to a point in the SW/SE of Section 34, T10S, R19E, where it will tie into Questar Pipeline Co.'s existing line. Proposed pipeline crosses Federal lands, thus a Right-of-Way grant will be required.
- 3. Proposed pipeline will be a 4" OD steel, welded line laid on the surface.
- 4. Protective measures and devices for livestock and wildlife will be taken and/or installed where required.

If storage facilities/tank batteries are constructed on this lease, the facility/battery or the well pad shall be surrounded by a containment dike of sufficient capacity to contain, at a minimum, the entire contents of the largest tank within the facility/battery.

The production facilities will be placed on the Northwest side of the location.

All permanent (on site for six months or longer) structures constructed or installed (including pumping units) will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee.

All facilities will be painted within 6 months of installation. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

The required paint color is Carlsbad Canyon.

If at any time the facilities located on public land and authorized by the terms of the lease are no longer included in the lease (due to a contraction in the unit or other lease or unit boundary change), BLM will process a change in authorization to the appropriate statute. The authorization will be subject to appropriate rental or other financial obligation as determined by the authorized officer.

5. LOCATION & TYPE OF WATER SUPPLY

- A. Water supply will be from Ouray Municipal Water Plant at Ouray, Utah, and/or Target Trucking Inc.'s water source in the SW/SW, Sec. 35, T9S, R22E, Uintah County, Utah (State Water Right #49-1501). Produced water from the Chapita Wells and Stagecoach Units will also be used.
- B. Water will be hauled by a licensed trucking company.
- C. No water well will be drilled on lease.

6. SOURCE OF CONSTRUCTION MATERIAL

- A. All construction material for this location and access road will be of native borrow and soil accumulated during the construction of the location.
- B. All construction material will come from Federal Land.
- C. No mineral materials will be required.

7. METHODS OF HANDLING WASTE DISPOSAL

A. METHODS AND LOCATION

- 1. Cuttings will be confined in the reserve pit.
- 2. A portable toilet will be provided for human waste during the drilling and completion of the well. Disposal will be at the Vernal sewage disposal plant.
- 3. Burning will not be allowed. Trash and other waste material will be contained in a wire mesh cage and disposed of at the Uintah County Landfill.
- 4. Produced wastewater will be confined to a lined pit or storage tank for a period not to exceed 90 days after initial production. After the 90 day period, the produced water will be contained in a tank on location and then disposed of at one of the following three locations: Natural Buttes Unit 21-20B SWD, Ace Disposal, or EOG Resources, Inc.

- drilling operations (Chapita Wells Unit, Natural Buttes Unit & Stagecoach Unit).
- 5. All chemicals will be disposed of at an authorized disposal site. Drip pans and absorbent pads will be used on the drilling rig to avoid leakage of oil to the pit.
- B. Water from drilling fluids and recovered during testing operations will be disposed of by either evaporating in the reserve pit or be removed and disposed of at an authorized disposal site. Introduction of well bore hydrocarbons to the reserve pit will be avoided by flaring them off in the flare pit at the time of recovery.

On BLM administered land:

The reserve pit will be constructed so as not to leak, break, or allow discharge. If the reserve pit requires padding prior to lining (due to rocky conditions) felt padding will be used.

The reserve pit shall be lined with felt and a 12 mill plastic liner.

8. ANCILLARY FACILITIES

A. No airstrips or camps are planned for this well.

9. WELLSITE LAYOUT

- A. Refer to attached well site plat for related topography cuts and fills and cross sections.
- B. Refer to attached well site plat for rig layout and soil material stockpile location as approved on On-site.
- C. Refer to attached well site plat for rig orientation, parking areas, and access road.
- D. The approved interim seed mixture for this location is:

 Hi-Crest Crested Wheatgrass 9 pounds per acre

 Kochia Prostrata 3 pounds per acre.

The final abandonment seed mixture for this location is:

Gardner Salt Bush – 4 pounds per acre Shad Scale – 3 pounds per acre Hi-Crest Crested Wheat Grass – 2 pounds per acre

The reserve pit will be located on the North side of the location. The flare pit will be located downwind of the prevailing wind direction on the East side of the location, a minimum of 100 feet from the well head and 30 feet from the reserve pit fence.

The stockpiled pit topsoil will be stored separate from the location topsoil East of Corner #5. The stockpiled location topsoil will be stored Southwest and Northwest of Corner #6. Upon completion of construction,

the stockpiled topsoil from the location will be broadcast seeded with the approved seed mixture for this location and then walked down with a Caterpiller tractor.

Access to the well pad will be from the Southeast.

Corners #2, #6, & #8 will be rounded off to minimize excavation.

FENCING REQUIREMENTS:

All pits will be fenced according to the following minimum standards:

- A. Thirty-nine inch net wire shall be used with at least one strand of barbed wire on top of the net wire. (Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence).
- B. The net wire shall be no more than 2 inches above the ground. The barbed wire strand shall be 3 inches above the net wire. Total height of the fence shall be at least 42 inches.
- C. Corner posts shall be cemented and/or braced in such a manner as to keep the fence tight at all times.
- D. Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than 16 feet.
- E. All wire shall be stretched by using a stretching device before it is attached to the corner posts.

The reserve pit fencing will be on the three sides during drilling operations and on the fourth side when the rig moves off the location. Pits will be fenced and maintained until clean-up.

Each existing fence to be crossed by the access road shall be braced and tied off before cutting so as to prevent slacking of the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and, upon completion of construction, the fence shall be repaired to BLM or SMA specifications. A cattleguard with an adjacent 16 foot gate shall be installed in any fence where a road is to be regularly traveled. If the well is a producer, the cattleguards (shall/shall not) be permanently mounted on concrete bases. Prior to crossing any fence located on Federal land, or any fence between Federal land and private land, the operator will contact the BLM, who will in turn contact the grazing permittee or owner of said fence and offer him/her the opportunity to be present when the fence is cut in order to satisfy himself/herself that the fence is adequately braced and tied off.

10. PLANS FOR RESTORATION OF SURFACE

A. PRODUCING LOCATION

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.

Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with CFR 3162.7-1.

If a plastic nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The stockpiled pit topsoil will then be spread over the pit area and broadcast seeded with the prescribed seed mixture for this location. The seeded area will then be walked down with a cat.

B. <u>DRY HOLE/ABANDONED LOCATION</u>

At such time as the well is plugged and abandoned, the operator will submit a subsequent report of abandonment and the BLM will attach the appropriate surface rehabilitation conditions of approval.

11. SURFACE OWNERSHIP

Access road: Federal Location: Federal

12. OTHER INFORMATION

- A. EOG Resources, Inc. will inform all persons in the area who are associated with this project that they are subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator will immediately stop work that might further disturb such materials, and contact the AO. Within five working days the AO will inform the operator as to:
 - whether the materials appear eligible for the National Register of Historic Places;
 - the mitigation measures the operator will likely have to undertake before the site can be used.
 - a time frame for the AO to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate.

If the operator wished, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the AO will assume responsibility for whatever recordation and stabilization of the exposed materials that may be required. Otherwise, the operator will be responsible for mitigation costs. The AO will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the AO that required mitigation has been completed, the operator will then be allowed to resume construction.

- B. As operator, EOG Resources, Inc. will control noxious weeds along Right-of-Ways for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds will be obtained from the BLM, or the appropriate County Extension Office. On BLM administered land, a Pesticide Use proposal shall be submitted, and given approval, prior to the application of herbicides or other pesticides or possible hazardous chemicals.
- C. The drilling rig and ancillary equipment will be removed from the location prior to commencement of completion operations. Completion operations will be conducted utilizing a completion/workover rig.
- D. Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on BLM lands after the conclusion of drilling operations or at any other time without BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities. (The BLM does not seek to compete with private industry. There are commercial facilities available for stacking and storing drilling rigs.)

Additional Surface Stipulations

X No construction of access road or location shall be conducted during wet weather due to critical soils stipulations.

LESSEE'S OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION

PERMITTING AGENT

Ed Trotter P.O. Box 1910 Vernal, UT 84078

Telephone: (435)789-4120

Fax: (435)789-1420

DRILLING OPERATIONS

Donald Presenkowski EOG Resources, Inc.

P.O. Box 250

Big Piney, WY 83113

Telephone: (307)276-4865

All lease or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approval

plan of operations, and any applicable Notice to Lessees. EOG Resources, Inc. is fully responsible for the actions of their subcontractors. A copy of these conditions will be furnished to the field representative to insure compliance.

A copy of the approved APD and ROW grant, if applicable, shall be on location during construction of the location and drilling activities.

Certification

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions that presently exist; that the statements made in the Plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by EOG Resources, Inc. and its contractors and subcontractors in conformity with this Plan and the terms and conditions under which it is approved.

Please be advised that EOG Resources, Inc. is considered to be the operator of the Wild Horse Federal 107-34 Well, located in the SE/SW of Section 34, T10S, R19E, Uintah County, Utah; Lease #U-49523; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond Coverage is provided under Bond #NM 2308.

1-19-2006

Date

Agent Agent

EOG RESOURCES, INC. WILD HORSE FEDERAL #107-34 SECTION 34, T10S, R19E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 9.1 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 2.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE WEST; TURN RIGHT PROCEED IN A WESTERLY. THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN RIGHT AND PROCEED IN A NORTHERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 2.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 2.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHWEST; TURN RIGHT AND PROCEED IN A NORTHWESTERLY DIRECTION APPROXIMATELY 2.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN LEFT AND PROCEED IN A SOUTHWESTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 1.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY. THEN SOUTHERLY DIRECTION APPROXIMATELY 0.6 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN LEFT AND \mathbf{N} A SOUTHEASTERLY, THEN SOUTHERLY APPROXIMATELY 1.0 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING RE-HABED ROAD TO THE WEST; TURN RIGHT AND PROCEED IN A WESTERLY DIRECTION APPROXIMATELY 0.6 MILES TO THE BEGINNING OF THE PROPOSED ACCESS FOR THE WHF #121-34 TO THE WEST; FOLLOW ROAD FLAGS IN A WESTERLY DIRECTION APPROXIMATLEY 100' TO THE BEGINNING OF THE PROPOSED ACCESS TO THE NORTHWEST; FOLLOW ROAD FLAGS IN A NORTHWESTERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 0.35 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 55.65 MILES.

EOG RESOURCES, INC.

WILD HORSE FEDERAL #107-34 LOCATED IN UINTAH COUNTY, UTAH SECTION 34, T10S, R19E, S.L.B.&M.

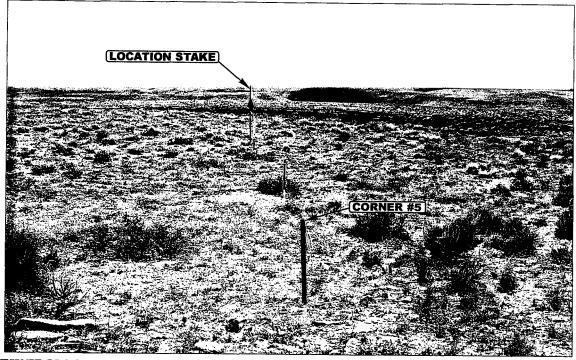


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHWESTERLY

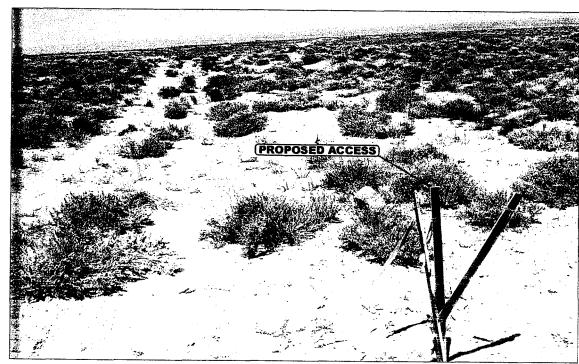


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHWESTERLY



Uintah Engineering & Land Surveying

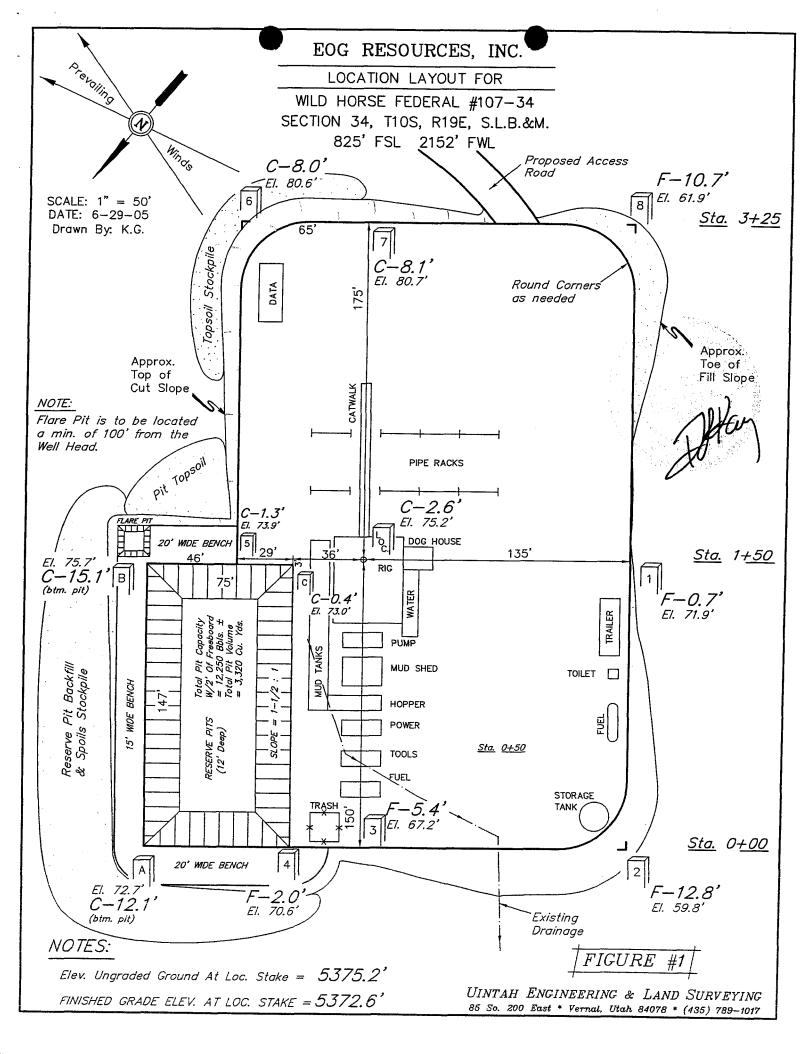
85 South 200 East Vernal, Utah 84078
435-789-1017 Vernal, Utah 84078
uelsi@uelsinc.com

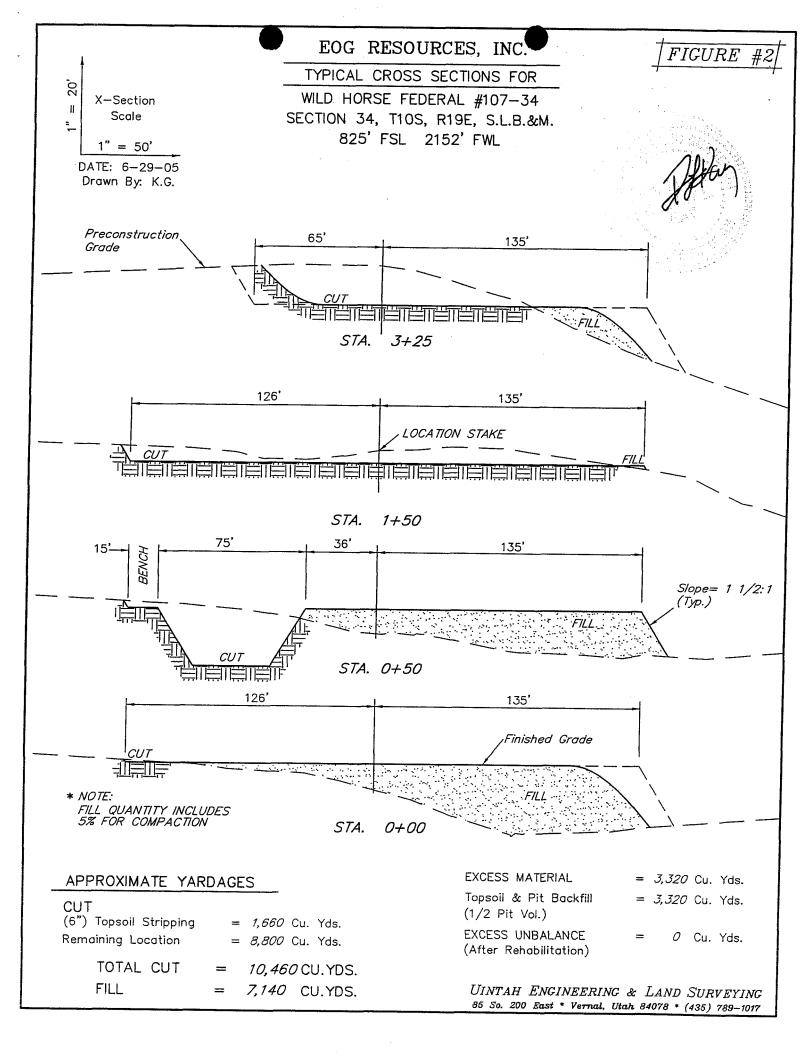
LOCATION PHOTOS

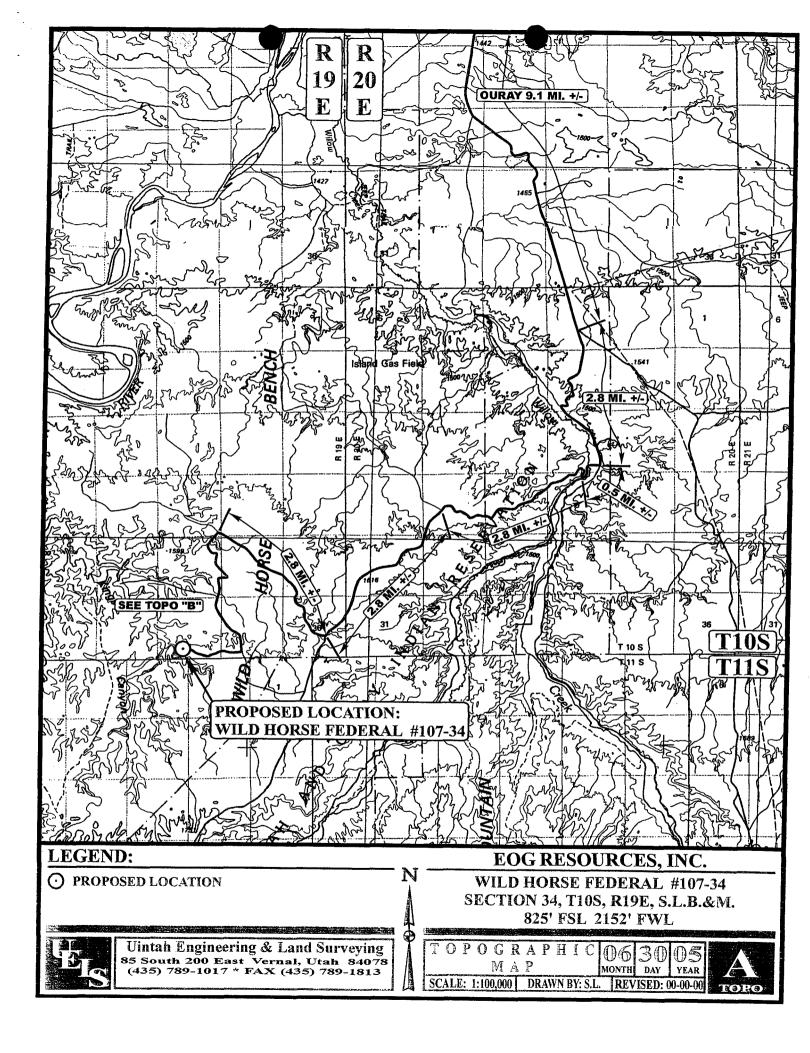
063005 MONTH DAY YEA

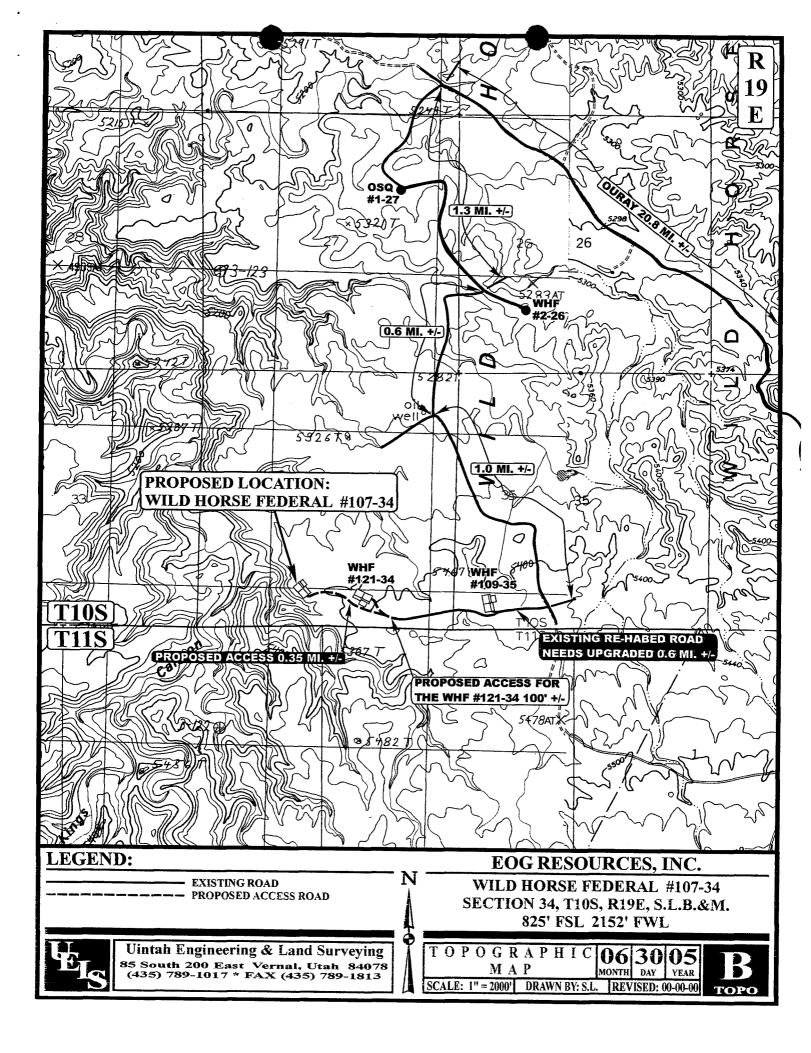
РНОТО

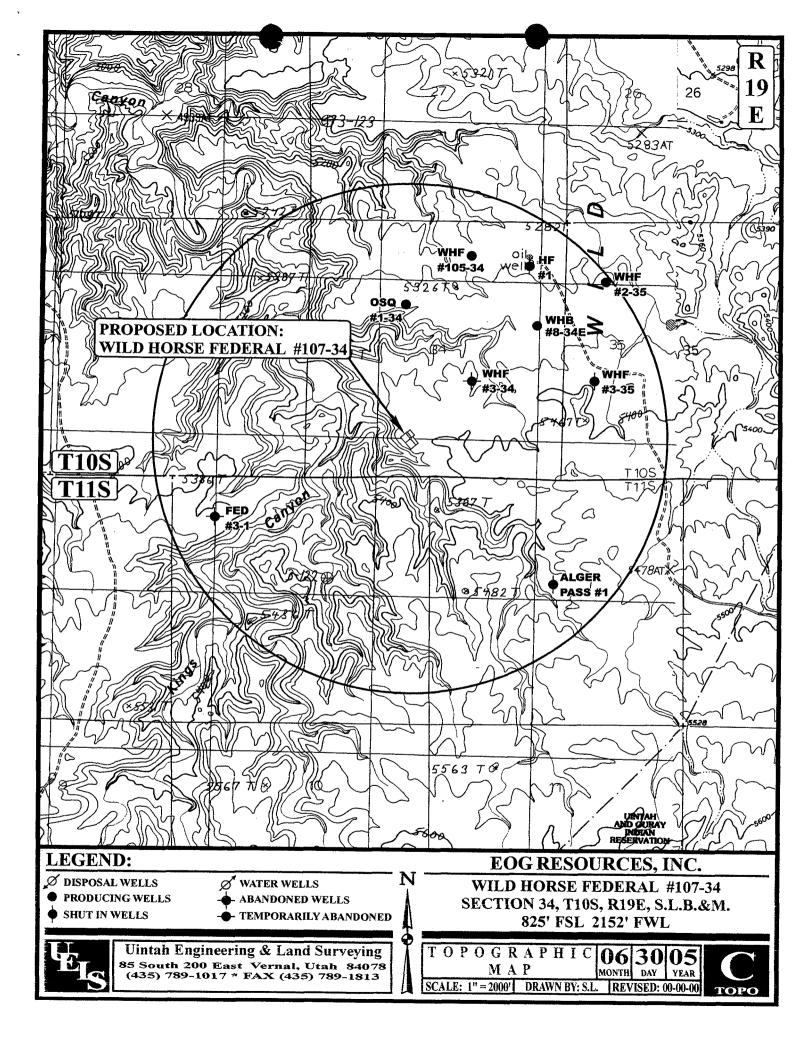
TAKEN BY: T.B. DRAWN BY: S.L. REVISED: 00-00-00

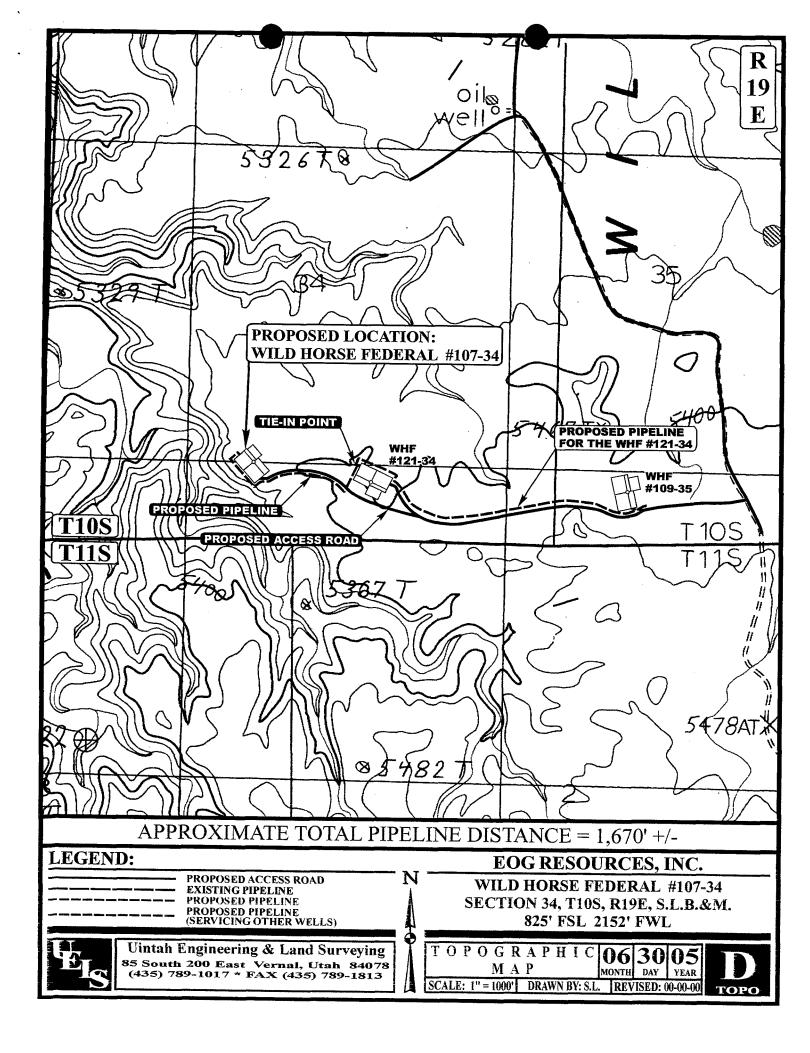




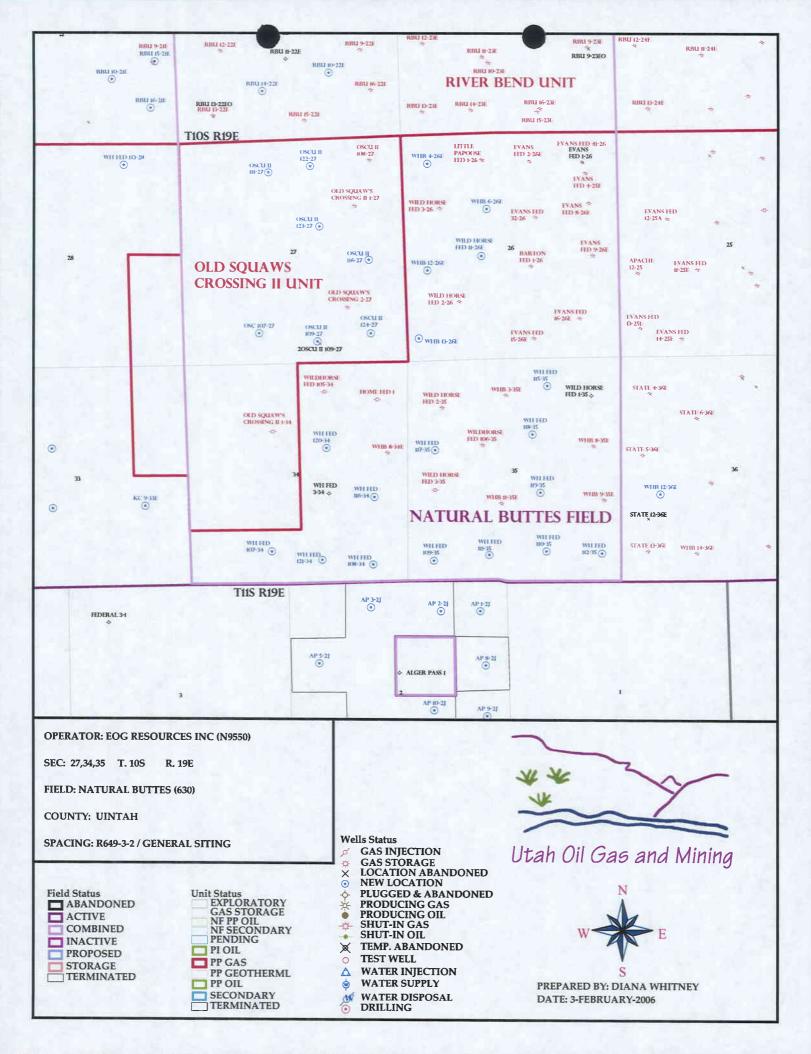








APD RECEIVED: 02/02/2006		API NO. ASSIG	NED: 43-047	7-37681
WELL NAME: WH FED 107-34 OPERATOR: EOG RESOURCES INC (N9550) CONTACT: ED TROTTER		PHONE NUMBER:	435-789-4120	0
PROPOSED LOCATION:		INSPECT LOCATN	BY: /	/
SESW 34 100S 190E SURFACE: 0825 FSL 2152 FWL		Tech Review	Initials	Date
BOTTOM: 0825 FSL 2152 FWL		Engineering		
COUNTY: UINTAH		Geology		
LATITUDE: 39.89848 LONGITUDE: -109.7692 UTM SURF EASTINGS: 605219 NORTHINGS: 44170	05	Surface		
FIELD NAME: NATURAL BUTTES (630			<u> </u>	
LEASE TYPE: 1 - Federal LEASE NUMBER: U-49523 SURFACE OWNER: 1 - Federal		PROPOSED FORMAT		J
RECEIVED AND/OR REVIEWED:	LOCATIO	ON AND SITING:		
✓ Plat ✓ Bond: Fed[1] Ind[] Sta[] Fee[] (No. NM-2308) N Potash (Y/N) Oil Shale 190-5 (B) or 190-3 or 190-13 ✓ Water Permit (No. 49-1501) RDCC Review (Y/N) (Date:) NA Fee Surf Agreement (Y/N) NA Intent to Commingle (Y/N)	Unit:R6 Si Dr	549-2-3. 549-3-2. General Serion Otto Seriol Cause No: Esting: Esting: Esting: Esting: Esting: Esting:	r/Qtr & 920' Be	
STIPULATIONS: 1. Led 19 approved 2. Bracing Grip)			





State of Utah

Department of Natural Resources

MICHAEL R. STYLER Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA Division Director JON M. HUNTSMAN, JR. Governor

GARY R. HERBERT Lieutenant Governor

February 6, 2006

EOG Resources, Inc. P O Box 1815 Vernal, UT 84078

Re:

Wild Horse Federal 107-34 Well, 825' FSL, 2152' FWL, SE SW, Sec. 34,

T. 10 South, R. 19 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-37681.

Sincerely,

Gil Hunt

Associate Director

July LA

pab Enclosures

cc:

Uintah County Assessor

Bureau of Land Management, Vernal District Office

Operator:	EOG Resources	s, Inc.	
Well Name & Number	Wild Horse Fed	leral 107-34	
API Number:	43-047-37681		
Lease:	U-49523		
Location: SE SW	Sec. 34	T. 10 South	R. 19 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.
- 5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

 Form 3160-3 (April 2004)

RECEIVED

FORM APPROVED OMB No. 1004-0137 Expires March 31, 2007

UNITED STATES FEB 0 1 2006 DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

5. Lease Serial No.

Ŧ	しょのこうつ	9
	1-4477	4

BUREAU OF LAND MANAGEMENT			<u>U-47323</u>			
APPLICATION FOR PERM	IT TO DRILL OR REENTE		dian, Allottee o	r Tribe Name		
la. Type of Work: X DRILL			ement, Name and No.			
1b. Type of Well: Oil Well X Gas Well Other	X Single Zone Multiple Zone		e Name and W	ell No. E FEDERAL 107-34		
2. Name of Operator EOG RESOURCES, INC.		9. API 43.1	Well No. 24-7 1 3	7681		
3a. Address P.O. BOX 1815 VERNAL, UT 84078	3b. Phone No. (Include area code) (435)789-0790	NA	and Pool, or Ex	BUTTES		
4. Location of Well (Report location clearly and in accordant At surface 825' FSL, 2152' FWL At proposed prod. Zone	SE/SW		Г., R., М., ог Е С. 34, Т10 S.L.B.&N	•		
14. Distance in miles and direction from nearest town or post 24.67 MILES SOUTHWEST OF OU	JRAY, UTAH	Ul	y or Parish NTAH	13. State UTAH		
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. Unit line, if any)	16. No. of Acres in lease 320	17. ¹ Spacing U 40	Init dedicated to	o this well		
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. See Topo Map C	19. Proposed Depth 8075	20. BLM/BIA NM -		īle		
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5372.6 FEET GRADED GROUND	22. Approximate date work will start* UPON APPROVAL 24. Attachments		23. Esti mate 45 DA			
Attachments The following, completed in accordance with the require 1. Well plat certified by a registered surveyor. 2. A Drilling Plan. 3. A Surface Use Plan (if the location is on National Fo SUPO shall be filed with the appropriate Forest Serv	ements of Onshore Oil and Gas Order No. 1, s 4. Bond to cover the (see Item 20 al rest System Lands, the 5. Operator certifical	coperations unles pove). tion. ccific information	s covered by ar	n existing bond on file s may be required		
25. Signature	Name (Printed/Typed) Ed Trotter Accepte Utah Di	ed by the	Province	Date January 19, 2006		
Title Agent	Oil, Gas a FOR RECO	DO Minim	:			
Approved by (Signature) Title Fred Manager	Name (Printed/Typed) JERRY KENCELA Office	RECE	Date	~Z-20C		
Assistant Field Manager Lands & Mineral Resources Application approval does not warrant or certify that the appl	licant holds legal or equitable title to those right	OCT U	2005 lease which wo	uld entitle the applicant to		
conduct operations thereon. Conditions of Approval, if any, are attached.	D	IV. OF OIL, GA	S&MILING			

Conditions of Approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT VERNAL FIELD OFFICE** 170 South 500 East

VERNAL, UT 84078

(435) 781-4400



Cell: 435-828-4470

Cell: 435-828-7875

Cell: 435-828-3913

Cell: 435-828-4029

CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company:

EOG Resources

Location:

SESW, Sec 34, T10S, R19E

Well No:

Wild Horse Fed. 107-34

Lease No:

UTU-49523

Office: 435-781-4490

Office: 435-781-4432

Office: 435-781-4502

Office: 435-781-4475

Office: 435-781-4484

Office: 435-781-4404

43-047-37681 API No:

Agreement:

N/A

Petroleum Engineer:

Petroleum Engineer: Supervisory Petroleum Technician: **Environmental Scientist:**

Environmental Scientist: Natural Resource Specialist: Natural Resource Specialist: Natural Resource Specialist:

Natural Resource Specialist: After Hours Contact Number: 435-781-4513

Karl Wright Holly Villa Melissa Hawk Chris Carusona

Matt Baker

Michael Lee

Paul Buhler

Jamie Sparger

Scott Ackerman

Office: 435-781-4476 Office: 435-781-4441 Office: 435-781-4437

Fax: 435-781-4410

A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a one-year period. An additional year extension may be applied for by sundry notice prior to expiration.

NOTIFICATION REQUIREMENTS

Location Construction (Notify Paul Buhler)

Forty-Eight (48) hours prior to construction of location and access roads.

Location Completion (Notify Paul Buhler)

Prior to moving on the drilling rig.

Spud Notice

(Notify Petroleum Engineer)

Twenty-Four (24) hours prior to spudding the well.

Casing String & Cementing (Notify Jamie Sparger)

Twenty-Four (24) hours prior to running casing and cementing all casing strings

BOP & Related Equipment Tests (Notify Jamie Sparger)

Twenty-Four (24) hours prior to initiating pressure tests

First Production Notice (Notify Petroleum Engineer)

Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days

Page 2 of 6 Well: Wild Horse Fed. 107-34 8/28/2006

SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

Conditions for Approval are in the APD

- Construct one high water crossing with a 36" culvert where the access road crosses the major wash.
- Within 90 calendar days of the approval date for this Application for Permit to Drill (APD), the operator/lessee shall submit to the Authorized Officer (AO), on Sundry Notice Form 3160-5, an Interim Surface Reclamation Plan for surface disturbance on well pads, access roads, and pipelines. At a minimum, this will include the reshaping of the pad to the original contour to the extent possible; the respreading of the top soil up to the rig anchor points; and, the area reseeded using appropriate reclamation methods. The AO will provide written approval or concurrence within 30 calendar days of receipt.
- During interim management of the surface, use the following seed mix:
 - o 9 lbs of Hycrest Crested Wheatgrass & 3 lbs of Kochia prostrate.

Page 3 of 6 Well: Wild Horse Fed. 107-34 8/28/2006

DOWNHOLE CONDITIONS OF APPROVAL

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

- Variance is granted for Onshore Order #2 III.E. Special Drilling Operations. Blooie line for drilling of surface may be 75' instead of 100'.
- A surface casing shoe integrity test shall be performed.
- Production casing cement top shall be at a minimum of 200' above the surface casing shoe.
- A CBL shall be run from TD to the surface casing shoe.

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded
 in the daily drilling report. Components shall be operated and tested as required by
 Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE
 pressure tests shall be performed by a test pump with a chart recorder and NOT by the
 rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.

Page 4 of 6 Well: Wild Horse Fed. 107-34 8/28/2006

All shows of fresh water and minerals shall be reported and protected. A sample shall
be taken of any water flows and a water analysis furnished the BLM, Vernal Field Office.
All oil and gas shows shall be adequately tested for commercial possibilities, reported,
and protected.

- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM, Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM, Vernal Field Office shall be obtained and notification given before resumption of operations.
- Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field
 Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers
 until the well is completed.
- Any change in the program shall be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) shall be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.
- Emergency approval may be obtained orally, but such approval does not waive the
 written report requirement. Any additional construction, reconstruction, or alterations of
 facilities, including roads, gathering lines, batteries, etc., which will result in the
 disturbance of new ground, shall require the filing of a suitable plan pursuant to Onshore
 Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field
 Office.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report
 of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in
 which operations commence and continue each month until the well is physically
 plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals
 Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800525-7922 (303) 231-3650 for reporting information.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.
- A cement bond log (CBL) will be run from the production casing shoe to the surface casing shoe and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.

Page 5 of 6 Well: Wild Horse Fed. 107-34 8/28/2006

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease shall have prior written approval from the BLM, Vernal Field Office.
- All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The Field Office
 Petroleum Engineers will be provided with a date and time for the initial meter calibration
 and all future meter proving schedules. A copy of the meter calibration reports shall be
 submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the
 API standards for liquid hydrocarbons and the AGA standards for natural gas
 measurement.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- This APD is approved subject to the requirement that, shall the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - o Operator name, address, and telephone number.
 - o Well name and number.
 - o Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - O Date well was placed in a producing status (date of first production for which royalty will be paid).
 - o The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - o The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - o Unit agreement and / or participating area name and number, if applicable.
 - o Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL)
 4A and needs prior approval from Field Office Petroleum Engineers.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the

Page 6 of 6 Well: Wild Horse Fed. 107-34 8/28/2006

end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

Unless the plugging is to take place immediately upon receipt of oral approval, the Field
Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging
of the well, in order that a representative may witness plugging operations. If a well is
suspended or abandoned, all pits must be fenced immediately until they are backfilled.
The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within
30 days after the actual plugging of the well bore, showing location of plugs, amount of
cement in each, and amount of casing left in hole, and the current status of the surface
restoration.

STATE OF UTAH

	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER:				
	U-49523 6. IF INDIAN, ALLOTTEE OR TRIBE NAME:					
SUNDRY	NOTICES AND REPORTS ON WELLS	G. W. HADIAN, ALEGO PEZ GIVENIGE NAME.				
Do not use this form for proposals to drill drill horizontal I	7. UNIT or CA AGREEMENT NAME:					
	OIL WELL GAS WELL 💋 OTHER					
2. NAME OF OPERATOR: EOG RESOURCES, INC.	9. API NUMBER: 43-047-37681					
3. ADDRESS OF OPERATOR:	PHONE NUMBER: (435) 781-9111	10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES				
4. LOCATION OF WELL						
FOOTAGES AT SURFACE: 825 F	SL 2152 FWL 39.898603 LAT 109.769936 LON	COUNTY: UINTAH				
QTR/QTR, SECTION, TOWNSHIP, RAM	IGE, MERIDIAN: SESW 34 10S 19E S.L.B. & M	STATE: UTAH				
11. CHECK APP	ROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPO	RT, OR OTHER DATA				
TYPE OF SUBMISSION	TYPE OF ACTION					
✓ NOTICE OF INTENT	ACIDIZE DEEPEN	REPERFORATE CURRENT FORMATION				
(Submit in Duplicate)	ALTER CASING FRACTURE TREAT	SIDETRACK TO REPAIR WELL				
Approximate date work will start:	CASING REPAIR NEW CONSTRUCTION	TEMPÖRARİLY ABANDON				
	CHANGE TO PREVIOUS PLANS OPERATOR CHANGE	TUBING REPAIR				
	CHANGE TUBING PLUG AND ABANDON	VENT OR FLARE				
SUBSEQUENT REPORT	CHANGE WELL NAME PLUG BACK	WATER DISPOSAL				
(Submit Original Form Only)	CHANGE WELL STATUS PRODUCTION (START/RESUME)	WATER SHUT-OFF				
Date of work completion:	COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE	OTHER: APD EXTENSION				
	CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION	REQUEST				
12. DESCRIBE PROPOSED OR C	OMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volume	es, etc.				
EOG Resources, Inc. res	pectfully requests the APD for the referenced well be extended for	one year.				
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	· · · · · · · · · · · · · · · · · · ·					
	Approved by the					
	Utah Division of					
	Oil, Gas and Mining					
•	Oll, das and thining					
	Date: 02-07-040	SERI TO OPERATOR				
	S ((() () ()	2-9-07				
	By: Nooley	BILL				
	\mathcal{M}					
	~					
NAME (PLEASE PRINT) Kaylene F	R. Gardner Sr. Regulatory A	ssistant				

FEB 0 5 2007

DATE 2/2/2007

Application for Permit to Drill Request for Permit Extension Validation

Validation (this form should accompany the Sundry Notice requesting permit extension)

Well Name: Location: Company Per		(SESW), SECTION 34, TI EOG RESOURCES, INC.	
above, hereby	verifies that the	n legal rights to drill on information as submit mains valid and does	
Following is a coverified.	checklist of some	e items related to the a	application, which should be
•	ivate land, has t en updated? Yes		d, if so, has the surface
-		the vicinity of the propents for this location? Y	osed well which would affect ′es⊡ No ☑
	•	er agreements put in p proposed well? Yes⊡ l	lace that could affect the No ☑
	•	to the access route inc proposed location? Ye	cluding ownership, or right- s⊡ No ☑
Has the approv	red source of wa	ter for drilling changed	d? Yes□No☑
	ire a change in p	changes to the surface plans from what was d	e location or access route iscussed at the onsite
Is bonding still	in place, which o	covers this proposed v	vell? Yes ☑No □
	> \		2/2/2007
Signature Signature	Chillins		Date
Title: Sr. Regula	atory Assistant		
Representing:	EOG Resources, In	nc.	-
			and a manufactured

FEB 0 5 2007

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company:	EOG RESOUR	CES INC	
Well Name:	WH FED 107-3	4	
Api No: 43-04	47-37681	Lease Type:_	FEDERAL
Section 34 Tow	nship 10S Range 19E	_County <u>U</u>	INTAH
Drilling Contractor	ROCKY MOUNTAIN D	RIG #	BUCKET
SPUDDED:			
Date _	02/26/07		
Time .	4:30 PM	_	
How_	DRY	-	
Drilling will Con	nmence:		
Reported by	JERRY BARNE	ES	
Telephone #	(435) 828-1720		
Date 02/27/07	Signed	CHD	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

ENTITY ACTION FORM

zip 80202

Operator:

EOG RESOURCES, INC.

Operator Account Number: N 9550

Address:

600 17th Street

city Denver

state CO

Phone Number: (303) 262-2812

Well 1

Well Name OLD SQUAWS CROSSING UNIT II 122-27		QQ	Sec	Twp	Rng	County	
		NWNE	27	108	19E	UINTAH	
Current Entity Number	<u> </u>		Spud Date		Entity Assignment Effective Date		
99999	10687	2/26/2007		3/	2/07		
	OLD SQUAWS CRO Current Entity Number	OLD SQUAWS CROSSING UNIT II 122-27 Current Entity Number New Entity Number	OLD SQUAWS CROSSING UNIT II 122-27 NWNE Current Entity Number New Entity Number S	OLD SQUAWS CROSSING UNIT II 122-27 NWNE 27 Current Entity New Entity Number Spud Da Number Number	OLD SQUAWS CROSSING UNIT II 122-27 NWNE 27 10S Current Entity Number Number Spud Date	OLD SQUAWS CROSSING UNIT II 122-27 NWNE 27 10S 19E Current Entity Number Number Spud Date Entity Number Ef	

LUDIYIV /YI

MAIL 2

API Number	Well Name WILD HORSE FEDERAL 107-34 Current Entity Number Number Number		QQ	Sec	Twp	Rng	County	
43-047-37681			681 WILD HORSE FEDERAL 107-34 SESW		34	108	19E UINT	
Action Code			S	Spud Date		Entity Assignment Effective Date		
Α	99999	159.58	2/26/2007		3/2/07			

Well 3

API Number	Well Name		QQ	QQ Sec Twp			Rng County		
Action Code	Current Entity New Entity Number Number		Spud Date			Entity Assignment Effective Date			
Comments:		FCEIVED							

MAR 0 1 2007

ACTION CODES:

- A Establish new entity for new well (single or Ohl) GAS & MINING
- B Add new well to existing entity (group or unit well)
- C Re-assign well from one existing entity to another existing entity
- D Re-assign well from one existing entity to a new entity
- E Other (Explain in 'comments' section)

Carrie MacDonald

Name (Please Print)

Signature

Operations Clerk

2/28/2007

Title

Date

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OM B No. 1004-0137 Expires: March 31, 2007

4	5.	L	eas	e S	er	al	N	C	١.
		1	T T_2	104	57	3			

•	JOREMO OF BRIDE WITH			5. Lease Sen		
	NOTICES AND RE			U-4952		
Do not use the abandoned we	nis form for proposals t ell. Use Form 3160-3 (to drill or to re- (APD) for such p	enter an roposals.	6. If Indiar	n, Allottee or Tribe Name	
SUBMIT IN TR	IPLICATE- Other inst	ructions on reve	erse side.	7. If Unit o	r CA/Agreement, Name and/or No.	
1. Type of Well Oil Well	Gas Well Other			8. Well Name and No. Wild Horse Federal 107-34		
2. Name of Operator EOG Resor	urces, Inc.			9. API W		
3a Address 600 17th Street, Suite 1000N, I	Denver, CO 80202	3b. Phone No. (inclu-	de area code)	43-047-37681 10. Field and Pool, or Exploratory Area		
4. Location of Well (Footage, Sec.,					l Buttes/Wasatch/Mesaverde	
825' FSL & 2,152' FWL (SES' Sec. 34-T10S-R19E 39.898603	W)				or Parish, State County, Utah	
12. CHECK A	PPROPRIATE BOX(ES) TO	INDICATE NATU	RE OF NOTICE,	REPORT, OF	ROTHER DATA	
TYPE OF SUBMISSION		T	PE OF ACTION			
If the proposal is to deepen dire Attach the Bond under which the following completion of the inv	ectionally or recomplete horizontal he work will be performed or prov volved operations. If the operation nal Abandonment Notices must be y for final inspection.)	lly, give subsurface locati ride the Bond No. on file results in a multiple con	Temporarily A Water Disposa stimated starting date of tions and measured and to with BLM/BIA. Requirely	Abandon I any proposed were vertical deptired subsequent in a new interva	Water Shut-Off Well Integrity Other Well spud ork and approximate duration thereof. his of all pertinent markers and zones reports must be filed within 30 days al, a Form 3160-4 must be filed once en completed, and the operator has	
14. I hereby certify that the fore Name (Printed/Typed) Carrie MacDon: Signature		Title Date	Operations Clerk	02/28/2007		
	THIS SPACE FOR	FEDERAL OR	STATE OFFICI	E USE		
			TP:41-		Data	
Approved by Conditions of approval, if any, are certify that the applicant holds lega which would entitle the applicant t	al or equitable title to those rights o conduct operations thereon.	in the subject lease	Title Office		Date	
Title 18 U.S.C. Section 1001 and Tit	le 43 U.S.C. Section 1212, make it	a crime for any person s as to any matter within	knowingly and willfull its jurisdiction.	y to mate	CETVED gency of the United	

UNITED STATES DEPARTMENT OF THE INTERIOR BURGALLOG LAND MANAGEMENT

BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OM B No. 1004-0137
Expires: March 31, 200

Lease Serial No. U-49523

6. If Indian, Allottee or Tribe Name

abandoned we	ell. Use Form 3160-3	(APD) for such pro	posals.			
SUBMIT IN TRI	PLICATE- Other ins	tructions on rever	se side.	7. If Unit or CA/Agreement, Name and/or N		
1. Type of Well Oil Well ✓	I. Type of Well					_
2. Name of Operator EOG Resources, Inc.					orse Federal 107-34	
3a Address 600 17th Street, Suite 1000N, D	3b. Phone No. (include 303-262-2812	area code)	43-047-	37681 d Pool, or Exploratory Area	_	
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 825' FSL & 2,152' FWL (SESW) Sec. 34-T10S-R19E 39.898603 LAT 109.769936 LON 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, R				11. County of Uintah	Buttes/Wasatch/Mesaverde or Parish, State County, Utah	_
TYPE OF SUBMISSION	PROPRIATE BOX(ES) I		PE OF ACTION		OHER DATA	_
Notice of Intent Subsequent Report Final Abandonment Notice	Acidize Alter Casing Casing Repair Change Plans Convert to Injection	Deepen Fracture Treat New Construction Plug and Abandon Plug Back	Production (St Reclamation Recomplete Temporarily Al Water Disposal	bandon	Water Shut-Off Well Integrity Other	
12 Describe Dromond or Complete	ad Operation (clearly state all ne	rtinent details, including esti	mated starting date of a	ny proposed wo	ork and approximate duration thereof.	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

EOG Resources, Inc. requests authorization for disposal of produced water from the referenced well to any of the following locations.

- 1. Natural Buttes Unit 21-20B SWD
- 2. Ace Disposal
- 3. RN Industries

Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed)						
Carrie MacDonald	Title C	perations Clerk				
Signature Carrin Make	Date	02/28/2007				
THIS SPACE FOR FEDERAL OR STATE OFFICE USE						
Approved by	⊢	Title	Date			
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office				
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.						

(Instructions on page 2)

MAR 0 1 2007

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPROVED	
OM B No. 1004-0137	
Expires: March 31, 200	ľ

5.	Lease Serial No.	
	U-49523	

SUNDRY NOTICES AND REI	PORTS ON W	ELLS	U-49523	1110.
Do not use this form for proposals to abandoned well. Use Form 3160 - 3 (to drill or to re	-enter an	6. If Indian,	Allottee or Tribe Name
SUBMIT IN TRIPLICATE- Other inst	ructions on rev	erse side.	7. If Unit or	CA/Agreement, Name and/or No.
1. Type of Well			8. Well Nan	
2. Name of Operator EOG Resources, Inc.			9. API We	orse Federal 107-34
3a Address 600 17th Street, Suite 1000N, Denver, CO 80202	43-047-			
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)	1			Buttes/Wasatch/Mesaverde
825' FSL & 2152' FWL (SESW) Sec. 34-T10S-R19E 39.898603 LAT 109.769936 LON			•	or Parish, State County, Utah
12. CHECK APPROPRIATE BOX(ES) TO	INDICATE NATU	JRE OF NOTICE, RI	EPORT, OR	OTHER DATA
TYPE OF SUBMISSION	T	YPE OF ACTION		
✓ Notice of Intent ✓ Subsequent Report Casing Repair	Deepen Fracture Treat New Construction	Production (Statement of Reclamation Recomplete	t/Resume)	Water Shut-Off Well Integrity ✓ Other Commingling
Subsequent Report Casing Repair Change Plans	Plug and Abandor		andon	request
Final Abandonment Notice Convert to Injection	Plug Back	Water Disposal		
following completion of the involved operations. If the operation testing has been completed. Final Abandonment Notices must be determined that the site is ready for final inspection.) EOG Resources, Inc. requests authorization for commit wellbore. In the event allocation of production is necess logs. Production from the Wasatch and Mesaverde for tubing landed below all perforations in the 4-1/2" production is necessed.	e filed only after all required in the second of production ary, the allocation will be communications will be communications.	irements, including reclam from the Wasatch and ill be based on proporti	ation, have bee Mesaverde fo onate net pay	ormations in the referenced
Attached is a map showing the location of all wells on c has been provided to owners of all contiguous oil and g			and an affida	avit showing that this application
OPY SENT TO OPERATOR Color: 4/3/07 Collings: 4/3/07	Uta	ceptad by the ch Division of Gas and Minin	9 	Federal Approval Of This Action Is Necessary
14. I hereby certify that the foregoing is true and correct Name (Printed/Typed)				
Mary A. Maestas	Title	Regulatory Assistant		
Signature Mary a. Maria	Date	0	3/07/2007	
THIS SPACE FOR	FEDERAL OR	STATE OFFICE	USE	
Approved by		Title	[[Date
Conditions of approval, if any, are attached. Approval of this notice certify that the applicant holds legal or equitable title to those rights which would entitle the applicant to conduct operations thereon.		Office		

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

RECEIVED

MAR 0 8 2007

) ss

COUNTY OF DENVER)

VERIFICATION

Mary A. Maestas, of lawful age, being first duly sworn upon oath, deposes and says:

She is a Regulatory Assistant for EOG Resources, Inc. EOG Resources, Inc. is the operator of the following described well:

Wild Horse Federal 107-34 825' FSL – 2152' FWL (SESW) SECTION 34, T10S, R19E UINTAH COUNTY, UTAH

EOG Resources, Inc., Dominion Exploration & Production, Inc., GASCO Production Company, and Brek Petroleum, Inc. are the only owners in the well and/or of all contiguous oil and gas leases or drilling units overlying the pool.

On the 7th day of March, 2007 she placed in the United States mail, with postage prepaid, a copy of the attached Application for Commingling in one wellbore for the subject well.

Said envelope, which contained these instruments, was addressed to the Utah Division of Oil, Gas & Mining, Bureau of Land Management, Dominion Exploration & Production, Inc., GASCO Production Company, and Brek Petroleum, Inc.

Further affiant saith not.

Mary A. Maestas

Regulatory Assistant

Subscribed and sworn before me this 7th day of March 2007.

Notary Public

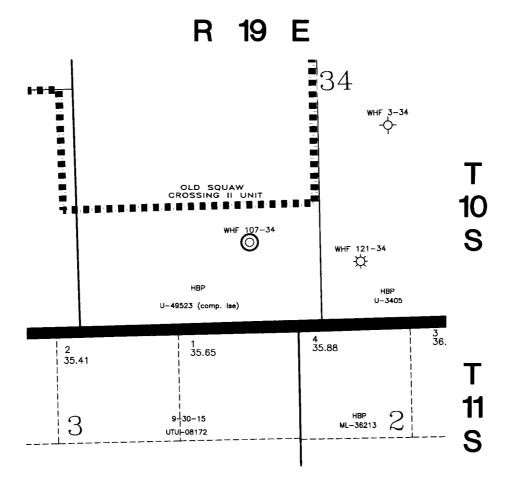
My Commission Expires: 1/10/2010

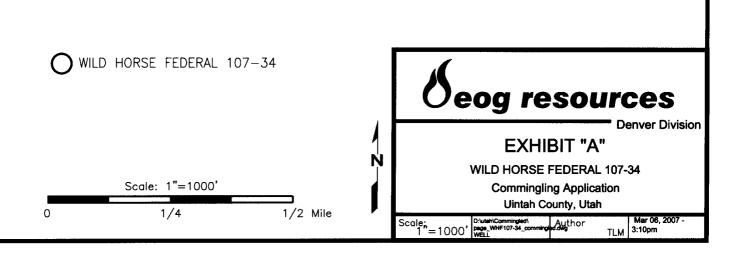
Exhibit "A" to Affidavit Wild Horse Federal 107-34 Application to Commingle

Dominion Exploration & Production, Inc. 14000 Quail Springs Parkway, Suite 600 Oklahoma City, Oklahoma 73134-2600 Attention: Mr. Rusty Waters

GASCO Production Company 8 Inverness Drive East, Suite 100 Englewood, Colorado 80112 Attention: Mark Shoury

Brek Petroleum, Inc. 1100 Melville Street, Suite 600 Vancouver, B.C. CANADA V6E 4A6 Attention: Anne McFadden





UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED)	
OM B No. 1004-0137	1	
Expires: March 31, 2	'00'	7
•		

BUREAU OF LAND MANAGEMENT	C. L. C. 1M.
	5. Lease Scrial No. U-49523
SUNDRY NOTICES AND REPORTS ON WELLS	6. If Indian, Allottee or Tribe Name
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160 - 3 (APD) for such proposals.	
SUBMIT IN TRIPLICATE- Other instructions on reverse side.	7. If Unit or CA/Agreement, Name and/or No.
1. Type of Well Oil Well ✓ Gas Well Other	8. Well Name and No.
2. Name of Operator EOG Resources, Inc.	Wild Horse Federal 107-34 9. API Well No.
3a. Address 3b. Phone No. tinclude area code)	43-047-37681
600 17th Street, Suite 1000N, Denver, CO 80202 303-824-5526	10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)	Natural Buttes/Mesaverde
825' FSL & 2152' FWL (SESW) Sec. 34-T10S-R19E 39.898603 LAT 109.769936 LON	11. County or Parish, State Uintah County, Utah
OF NOTICE	REPORT, OR OTHER DATA
12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE,	REPORT, OR OTHER DATA
TYPE OF SUBMISSION TYPE OF ACTION	
Acidize Deepen Production	
Notice of Intent Alter Casing Fracture Treat Reclamation	
Subsequent Report Casing Repair New Construction Recomplete	
☐ Change Plans ☐ Plug and Abandon ☐ Temporarily ☐ Final Abandonment Notice ☐ Convert to Injection ☐ Plug Back ☐ Water Dispo	
Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Ret following completion of the involved operations. If the operation results in a multiple completion or recomplete testing has been completed. Final Abandonment Notices must be filed only after all requirements, including recomplete that the site is ready for final inspection.) The referenced well was turned to sales on 4/27/2007. Please see the attached operations summing performed on the subject well.	ion in a new interval, a Form 3160-4 must be filed once clamation, have been completed, and the operator has
14. I hereby certify that the foregoing is true and correct	
Name (Buinted/Tuned)	
Name (Printed/Typed)	tant
Name (Printed/Typed)	05/02/2007
Name (Printed/Typed) Mary A. Maestas Title Regulatory Assists	05/02/2007
Name (Printed/Typed) Mary A. Maestas Title Regulatory Assists Signature Mary A. May a. Date	05/02/2007 ICE USE
Name (Printed/Typed) Mary A. Maestas Title Regulatory Assists Date THIS SPACE FOR FEDERAL OR STATE OFFICE Approved by Title	05/02/2007
Name (Printed/Typed) Mary A. Maestas Title Regulatory Assists Date THIS SPACE FOR FEDERAL OR STATE OFFI	05/02/2007 CE USE Date

(Instructions on page 2)

MAY 0 3 2007

WELL CHRONOLOGY REPORT

Report Generated On: 05-02-2007

Well Name	WHF 107-34	Well Type	DEVG	Division	DENVER
Field	OLD SQUAW'S CROSSING	API#	43-047-37681	Well Class	COMP
County, State	UINTAH, UT	Spud Date	03-20-2007	Class Date	
Tax Credit	N	TVD / MD	10,100/ 10,100	Property #	056112
Water Depth	0	Last CSG	0.0	Shoe TVD / MD	0/0
KB / GL Elev	5,392/ 5.373				
Location	Section 34, T10S, R19E, SES	W, 825 FSL & 2152	P. FWL		
Event No	1.0	Description	DRILL & COMPLETE		
Operator	EOG RESOURCES, INC	WI %	100.0	NRI %	87.5

AFE No	AFE No 303289			AFE Total							
Rig Contr	ig Contr PIONEER		Rig Name	PIONEER #59		Start Date	02-	02-26-2006 Release		Date	03-30-2007
02-28-2006	Re	eported By									
DailyCosts: Da	rilling	\$0		Comp	pletion	\$0		Dail	y Total	\$0	
Cum Costs: D	rilling	\$0		Comp	pletion	\$0		Well	i Total	\$0	
MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation:			PBTD : 0.	0		Perf:			PKR De	pth : 0.6)

Activity at Report Time: LOCATION DATA

Start End Hrs Activity Description 06:00 06:00 24.0 LOCATION DATA

825' FSL & 2152 FWL (SE/SW) SECTION 34, T10S, R19E UINTAH COUNTY, UTAH

LAT 39.898603, LONG 109.769936 (NAD83) LAT 39.898639, LONG 109.769242 (NAD 27)

RIG: PIONEER #59

OBJECTIVE: 10100' TD, MESAVERDE

DW/GAS

OLD SQUAWS CROSSING PROSPECT DD&A: OLD SQUAWS CROSSING AREA

NATURAL BUTTES FEILD

LEASE: U-49523

ELEVATION: 5375.2' NAT GL, 5372.6' PREP GL (DUE TO ROUNDING THE PREP GL WILL BE 5373'), 5392' KB

(19')

EOG WI 100%, NRI 87.5%

02-07-2007 Reported By

TERRY CSERE

DailyCosts: Drilling		Completion	\$0		Daily Total		
Cum Costs: Drilling		Completion	\$0		Well Total		
MD 0	TVD 0	Progress 0	Days	0	MW 0	.0 Visc	0.0
Formation :	PBTD	-	Perf :		PKR	Depth : 0.0	
Activity at Report Ti	me: BUILDING LOCA	ATION					
Start End	Hrs Activity De	escription					
06:00 06:00	24.0 LOCATION	STARTED.					
02-08-2007 R	eported By	TERRY CSERE					
DailyCosts: Drilling	\$0	Completion	\$0		Daily Total	\$0	
Cum Costs: Drilling		Completion	\$0		Well Total		
MD 0	TVD 0	Progress 0	Days	0	MW	0.0 Visc	0.0
Formation :	PBTD	: 0.0	Perf:		PKF	Depth : 0.0	
Activity at Report Ti	me: BUILDING LOC.	ATION					
Start End	Hrs Activity D	escription					
06:00 06:00	24.0 LOCATION	50% COMPLETE.					
02-09-2007 R	eported By	TERRY CSERE					
DailyCosts: Drilling	\$0	Completion	\$0		Daily Total	\$0	
Cum Costs: Drilling		Completion	\$0		Well Total		
MD 0	TVD 0	Progress 0	Days	0	MW	0.0 Visc	0.0
Formation:	PBTD	: 0.0	Perf:		PKI	R Depth: 0.0	
Activity at Report Ti	me: BUILDING LOC	ATION					
Start End	Hrs Activity D	escription					
06:00 06:00	24.0 ROCKED C	OUT.					
02-12-2007 R	eported By	TERRY CSERE					
DailyCosts: Drilling	\$0	Completion	\$ 0		Daily Total	\$0	
Cum Costs: Drilling		Completion	\$0		Well Total	:	
MD 0	TVD 0	Progress 0	Days	0	MW	0.0 Visc	0.0
Formation:	PBTD		Perf:		PKI	R Depth : 0.0	
Activity at Report T	ime: BUILDING LOC	ATION					
Start End	Hrs Activity D	escription					
Start End 06:00 06:00	Hrs Activity D 24.0 ROCKED C	•					
06:00 06:00	•	•	ATTENDED TO THE REST OF THE PERSON ASSESSMENT				
06:00 06:00	24.0 ROCKED C	DUT.	n \$0		Daily Total	\$0	
06:00 06:00 02-13-2007 R	24.0 ROCKED C seported By \$0	DUT. BRYON TOLMAN	-		Daily Total Well Total	\$0 :	
06:00 06:00 02-13-2007 R Daily Costs: Drilling	24.0 ROCKED C seported By \$0	DUT. BRYON TOLMAN Completion Completion	-	0	Well Total		0.0
06:00 06:00 02-13-2007 R Daily Costs: Drilling Cum Costs: Drilling	24.0 ROCKED C seported By \$0	BRYON TOLMAN Completion Completion Progress 0	n \$0	0	Well Total		0.0
06:00 06:00 02-13-2007 R Daily Costs: Drilling Cum Costs: Drilling MD 0	24.0 ROCKED Content of the second of the sec	DUT. BRYON TOLMAN Completion Completion Progress 0: 0.0	n \$0 Days	0	Well Total	0.0 Visc	0.0
06:00 06:00 02-13-2007 R Daily Costs: Drilling Cum Costs: Drilling MD 0 Formation:	24.0 ROCKED Compared By \$0 TVD 0 PBTD ime: BUILDING LOCKED COMPARED COMPAR	DUT. BRYON TOLMAN Completion Completion Progress 0: 0.0	n \$0 Days	0	Well Total	0.0 Visc	0.0
06:00 06:00 02-13-2007 R Daily Costs: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report T	24.0 ROCKED Compared By \$0 TVD 0 PBTD ime: BUILDING LOCKED COMPARED COMPAR	DUT. BRYON TOLMAN Completion Completion Progress 0: 0.0 ATION Description	n \$0 Days	0	Well Total	0.0 Visc	0.0

DailyCosts: Drilling	\$0			npletion	\$0		-	Total	\$0	
Cum Costs: Drilling			Cor	npletio n	\$0			Total	•	
MD 0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation :	P	PBTD : 0	0.0		Perf:			PKR De _l	pth: 0.0	
Activity at Report Tin	ne: BUILDING	LOCATI	ION							
Start End	Hrs Activ	vity Desc	cription							
06:00 06:00	24.0 ROCI	KED OUT	Γ.							
)2-15-2007 Re	ported By	T	ERRY CSERE							
DailyCosts: Drilling	\$0		Cor	mpletion	\$0			y Total	\$0	
Cum Costs: Drilling			Cor	mpletion	\$0		Well	Total		
MD 0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation :	I	PBTD : (0.0		Perf:			PKR De	pth: 0.0	
Activity at Report Tir	me: BUILDING	G LOCAT	ION							
Start End	Hrs Activ	vity Desc	cription							
06:00 06:00	24.0 ROC	KED OUT	Г.							
02-16-2007 Re	ported By	Т	ERRY CSERE							
DailyCosts: Drilling	\$0		Co	mpletion	\$0		Dail	y Total	\$0	
Cum Costs: Drilling			Co	mpletion	\$0		Well	l Total	ų.	
VID 0	TVD	Λ	Progress	0	Days	0	MW	0.0	Visc	0.0
VID 0	110	0	rrugress	U	Days	· ·				
		P BTD : (Ü	Ū	Perf:	v		PKR De	pth: 0.0	
Formation :	I	PBTD :	0.0	Ū	•	·		PKR De	pth: 0.0	
Formation : Activity at Report Ti	I me: BUILDING	PBTD :	0.0 TION	v	•	·		PKR De	pth: 0.0	
Formation : Activity at Report Ti	I me: BUILDING	PBTD: (G LOCAT vity Des	0.0 TION cription		•			PKR De	pth : 0.0	
Formation : Activity at Report Til Start End 06:00 06:00	I me: BUILDING Hrs Acti	PBTD: (G LOCAT vity Dese	0.0 TION cription		•			PKR De	pth : 0.0	
Formation : Activity at Report Til Start End 06:00 06:00 02-20-2007 Re	me: BUILDING Hrs Acti 24.0 ROC	PBTD: (G LOCAT vity Dese	0.0 TION cription T. TERRY CSERE	mpletion	•			PKR De	pth : 0.0	· · · · · · · · · · · · · · · · · · ·
Formation: Activity at Report Til Start End 06:00 06:00 02-20-2007 Re DailyCosts: Drilling	me: BUILDING Hrs Acti 24.0 ROC eported By	PBTD: (G LOCAT vity Dese	0.0 CION cription T. TERRY CSERE Co		Perf:		Dail			
Formation: Activity at Report Till Start End 06:00 06:00 02-20-2007 Re DailyCosts: Drilling Cum Costs: Drilling	me: BUILDING Hrs Acti 24.0 ROC eported By	PBTD: (G LOCAT vity Dese	0.0 CION cription T. TERRY CSERE Co	mpletion	Perf:	0	Dail	y Total		0.0
Formation: Activity at Report Til Start End 06:00 06:00 02-20-2007 Re DailyCosts: Drilling Cum Costs: Drilling	me: BUILDING Hrs Acti 24.0 ROC eported By \$0	PBTD: (G LOCAT vity Desa KED OU	0.0 TION cription T. TERRY CSERE Co Co Progress	mpletion mpletion	Perf: \$0 \$0		Dail Wel	y Total l Total 0.0	\$0	0.0
Formation: Activity at Report Til Start End 06:00 06:00 02-20-2007 Re DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation:	me: BUILDING Hrs Acti 24.0 ROC eported By \$0 TVD	PBTD: (G LOCAT vity Desc KED OU T 0 PBTD:	0.0 Cription T. ERRY CSERE Co Co Progress	mpletion mpletion	\$0 \$0 Days		Dail Wel	y Total l Total 0.0	\$0 Visc	0.0
Formation: Activity at Report Til Start End 06:00 06:00 02-20-2007 Re DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report Til	me: BUILDING Hrs Acti 24.0 ROC eported By \$0 TVD	PBTD: G G LOCAT vity Desk KED OU T 0 PBTD:	0.0 Cription T. ERRY CSERE Co Co Progress	mpletion mpletion	\$0 \$0 Days		Dail Wel	y Total l Total 0.0	\$0 Visc	0.0
Formation: Activity at Report Til Start End 06:00 06:00 02-20-2007 Re DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report Til	me: BUILDING Hrs Acti 24.0 ROC eported By \$0 TVD me: BUILDING Hrs Acti	PBTD: (G LOCAT vity Desc KED OU T 0 PBTD: G LOCAT	0.0 TION cription T. TERRY CSERE Co Progress 0.0	mpletion mpletion 0	\$0 \$0 Days		Dail Wel	y Total l Total 0.0	\$0 Visc	0.0
Formation: Activity at Report Till Start End 06:00 06:00 02-20-2007 Re DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report Till Start End 06:00 06:00	me: BUILDING Hrs Acti 24.0 ROC eported By \$0 TVD me: BUILDING Hrs Acti	PBTD: G LOCAT of LOCAT of PBTD: G LOCAT ivity Des	0.0 Cription T. CERRY CSERE Co Co Progress 0.0 CION Ccription	mpletion 0	\$0 \$0 Days		Dail Wel	y Total l Total 0.0	\$0 Visc	0.0
Formation: Activity at Report Til Start End 06:00 06:00 02-20-2007 Re DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report Til Start End 06:00 06:00 02-21-2007 Re	me: BUILDING Hrs Acti 24.0 ROC eported By 50 TVD me: BUILDING Hrs Acti 24.0 DRII	PBTD: G LOCAT of LOCAT of PBTD: G LOCAT ivity Des	O.O Cription T. CERRY CSERE Co Co Progress O.O FION Cription T AND LOCAT	mpletion 0	\$0 \$0 Days		Dail Wel	y Total l Total 0.0	\$0 Visc	0.0
Formation: Activity at Report Till Start End 06:00 06:00 D2-20-2007 Re DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report Till Start End 06:00 06:00 D2-21-2007 Re DailyCosts: Drilling	me: BUILDING Hrs Acti 24.0 ROC eported By \$0 TVD me: BUILDING Hrs Acti 24.0 DRII eported By \$0	PBTD: G LOCAT of LOCAT of PBTD: G LOCAT ivity Des	O.O CION Cription T. TERRY CSERE Co Co Progress O.O CION CRIPTION	mpletion 0	SO SO Days Perf:		Dail Wel MW	y Total I Total 0.0 PKR De	\$0 Visc e pth : 0.0	0.0
Formation: Activity at Report Tile Start End 06:00 06:00 02-20-2007 Re DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report Tile Start End 06:00 06:00 02-21-2007 Re DailyCosts: Drilling	me: BUILDING Hrs Acti 24.0 ROC eported By \$0 TVD me: BUILDING Hrs Acti 24.0 DRII eported By \$0	PBTD: G LOCAT of LOCAT of PBTD: G LOCAT ivity Des	O.O CION Cription T. TERRY CSERE Co Co Progress O.O CION CRIPTION	mpletion 0 TION.	\$0 \$0 Days Perf :		Dail Wel MW	y Total I Total 0.0 PKR De	\$0 Visc epth: 0.0	0.0
Formation: Activity at Report Till Start End 06:00 06:00 D2-20-2007 Re DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report Till Start End 06:00 06:00 D2-21-2007 Re DailyCosts: Drilling Cum Costs: Drilling	me: BUILDING Hrs Acti 24.0 ROC Peported By \$0 TVD me: BUILDING Hrs Acti 24.0 DRII Peported By \$0	PBTD: (G LOCAT vity Desc KED OU T 0 PBTD: G LOCAT ivity Desc LLING PI	O.O CION Cription T. TERRY CSERE Co Co Progress O.O CION CRIPTION	mpletion 0 TION. ompletion ompletion	\$0 \$0 \$0 Days Perf :	0	Dail Wel MW Dail	y Total 1 Total 0.0 PKR De	\$0 Visc epth: 0.0	
Formation: Activity at Report Till Start End 06:00 06:00 02-20-2007 Re DailyCosts: Drilling MD 0 Formation: Activity at Report Till Start End 06:00 06:00 02-21-2007 Re DailyCosts: Drilling MD 0 DailyCosts: Drilling Cum Costs: Drilling	me: BUILDING Hrs Acti 24.0 ROC Prorted By \$0 TVD me: BUILDING Hrs Acti 24.0 DRII Prorted By \$0 TVD	PBTD: G G LOCAT vity Desc KED OU T 0 PBTD: G LOCAT ivity Des LLING PI T 0 PBTD:	O.O Cription T. CERRY CSERE Co Co Progress O.O CION CRIPTION CRIPT	mpletion 0 TION. ompletion ompletion	\$0 \$0 Days Perf:	0	Dail Wel MW Dail	y Total 1 Total 0.0 PKR De	\$0 Visc epth: 0.0	
Formation: Activity at Report Till Start End 06:00 06:00 02-20-2007 Re DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report Till Start End 06:00 06:00 02-21-2007 Re DailyCosts: Drilling	me: BUILDING Hrs Acti 24.0 ROC eported By \$0 TVD me: BUILDING Hrs Acti 24.0 DRII eported By \$0 TVD	PBTD: G LOCAT O PBTD: G LOCAT O PBTD: G LOCAT O PBTD: G LOCAT	O.O Cription T. CERRY CSERE Co Co Progress O.O CION CRIPTION CRIPT	mpletion 0 TION. ompletion ompletion	\$0 \$0 Days Perf:	0	Dail Wel MW Dail	y Total 1 Total 0.0 PKR De	\$0 Visc epth: 0.0	

DailyCosts:		\$0			pletion	\$0 \$0		•	Total	\$0	
Cum Costs:	_				pletion	\$0		Well			2.4
MD -	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation :			PBTD : 0.	0		Perf :			PKR Dep	th: 0.0	
_	Report Tii	me: BUILD LO									
	End		ivity Desci	-							
06:00	06:00			PIT & LOCAT	ION.	* 1 - 1					
2-23-2007	Re	ported By	TE	RRY CSERE							
DailyCosts:	Drilling	\$0			pletion	\$0		Daily	/ Total	\$0	
Cum Costs:	Drilling			Con	pletion	\$0		Well	Total)	
MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
ormation :			PBTD : 0.	0		Perf:			PKR Dep	th: 0.0	
Activity at I	Report Ti	me: BUILD L	OCATION								
itart l	End	Hrs Act	ivity Desc	ription							
06:00	06:00	24.0 PUS	HING OUT	PIT & LOCAT	ION.						
2-26-2007	Re	ported By	TE	RRY CSERE							
DailyCosts:	Drilling	\$0		Con	pletion	\$0		Daily	y Total	\$0	
Cum Costs:	Drilling			Con	pletion	\$0		Well	Total		
MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
ormation :	:		PBTD : 0	.0		Perf :			PKR Der	oth : 0.0	
Activity at I	Report Ti	me: BUILD L	OCATION						•		
Start I	End	Hrs Act	ivity Desc	ription							
06:00	06:00		•	RITICAL SOILS	3.						
2-27-2007	R	eported By	TE	RRY CSERE							
Daily Costs:		··· \$0		Con	pletion	\$0		Daily	y Total	\$0	
Cum Costs:					pletion	\$0		•	Total		
MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation :			PBTD : 0	9	Ů	Perf:	v	147.44	PKR Dep		0.0
		me: BUILD L		.0		ren.			i KK Del	Jul . 0.0	
	End		ivity Desc	wintion							
Start] 06:00	06:00		SHING OUT	_							
00.00		eported By		ERRY CSERE							
Daily Costs:	Drilling	\$0		Сог	npletion	\$0		Dail	y Total	\$0	
Cum Costs:	•				npletion	\$0		•	Total		
MD	40	TVD	40	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation			PBTD : 0	Ü	·	Perf:	•	174 17	PKR De		0.0
		me: WO AIR							. m. nel	· U.U	
-	=			mintion							
	06:00		ivity Desc	•	ייםרו ואו א	I INC CRUE	A NI 20" 110'	E ON 2007	2007 @ 4-20-4	M CET 401 C	E 14"
06:00	06:00	COI	NDUCTOR	OCKY MOUN . CEMENT TO DANIELS W/U	SURFACE	WITH READ	Y MIX. JEF	RY BARNE			

03-01-200	07 Re	eported By	TE	RRY CSERI	E						
DailyCosts	s: Drilling	\$0		C	ompletion	\$0		Daily	Total	\$0	
Cum Cost	-			C	ompletion	\$0		Well	Total		
MD	40	TVD	40	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation	1:		PBTD : 0.	.0		Perf:			PKR Dep	th: 0.0	
Activity at	t Report Ti	me: BUILDII	NG LOCATI	ON							
Start 06:00	End 06:00	Hrs Ac	tivity Desc R RIG.	ription							
03-02-20	07 R	eported By	TE	ERRY CSER	E					'	
DailyCost	s: Drilling	\$0		C	Completion	\$0		Daily	y Total	\$0	
Cum Cost	s: Drilling			C	ompletion	\$0		Well	Total		
MD	40	TVD	40	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation	n:		PBTD : 0	.0		Perf:			PKR Dep	th: 0.0	
Activity a	t Report Ti	ime: WO AIR	RIG								
Start	End	Hrs Ac	tivity Desc	ription							
06:00	06:00	24.0 LC	CATION CO	OMPLETE.							
03-09-20	07 R	eported By	JE	RRY BARN	ES						
DailyCost	ts: Drilling			C	Completion	\$0		Dail	y Total	;	
Cum Cost	ts: Drilling			C	Completion	\$0		Well	Total		
MD	2,438	TVD	2,438	Progress	0	Days	0	MW	0.0	Visc	0.0
Formatio	n:		PBTD : 0	0.0		Perf:			PKR Dep	th: 0.0	
Activity a	t Report T	ime: WORT									
Start	End		tivity Desc	-							
06:00	06:00	R/ FL	AN 57 JTS (2 OAT COLL	419.40') OF AR. 8 CENT	9-5/8", 36.0# RALIZERS SI	/FT, J-55, S PACED MID	T&C CASINO DLE OF SHO	G WITH WE. DE JOINT A!	L. ENCOUNT ATHERFORD ND EVERY CO LL'S AIR RIG	GUIDE SH OLLAR TIL	OE AND
		PS PU	IG. PUMPE IMPED 220	D 180 BBLS SX (150 BBI	FRESH WAT LS) OF PREM	ER & 20 BB IIUM LEAD	LS GELLED	WATER FLU 16% GEL, 1	INES AND CE JSH AHEAD (0#/SX GILSO OF 3.82 CFS.	OF CEMEN	T. MIXED &
		CI	EMENT TO	15.6 PPG W/	YIELD OF 1.	18 CFS. DIS	PLACED CE	MENT W/18	& ¼ #/SX FLC 4 BBLS FRES TT–IN CASING	H WATER.	
		W		2 1/4#/SX FLO					(21 BBLS) OF DF 1.15 CFS. N		
									T W/3% CaCl2 OC 1 HRS, 30 M		FLOCELE.

TOP JOB #3: MIXED & PUMPED 65 SX (13 BBLS) OF PREMIUM CEMENT W/3% CaCl2 & $\frac{1}{4}$ KX FLOCELE. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. HOLE FILLED AND STOOD FULL. RD BIG 4 CEMENTERS.

PREPARED LOCATION FOR ROTARY RIG. WORT. WILL DROP FROM REPORT UNTIL FURTHER ACTIVITY.

NO SURVEY AT THIS TIME.

JERRY BARNES NOTIFIED JAMIE SPARGER W/VBLM OF THE SURFACE CASING & CEMENT JOB ON 3/2/2007 @ 3:40 PM.

03-18-200	07 Re	ported I	By RIC	CH DEMBOWS	KI						** * * **
DailyCosts	s: Drilling			Com	pletion	\$0		Daily	y Total		
Cum Cost	s: Drilling	, د		Com	pletion	\$0		Well	Total		
MD	2,438	TVD	2,438	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation			PBTD : 0.0	8		Perf:			PKR Dep	th: 0.0	
Activity at	Report Ti	me: RU F	NG.								
Start	End	Hrs	Activity Desci	iption							
06:00	07:30	1.5	FINISH RD RIC	- S AND PREPAR	ING FOR	TRUCKS.					
07:30	17:30	10.0	MO RIG TO LO CORRECTLY C DIFFICULTY IN PITS, PIPE TUE PROVIDED 4 B	OVER WELLBO N SPOTTING T SS, BOILER, LI	RE. LOC HE CARF GHT PLA	ATION IS SH RIER. SPOTT ANT WATER	ORT ON TH ED CARRIE FANKS AND	E RIG SIDE R. RAISE A SUITCASE	OF WELL. THE ND SCOPE DE ES. MOVE TRU	HIS CAUSEE ERRICK. SPO	SOME OT MUD
17:30	06:00	12.5	RIG UP RIG. RI UPRIGHTS, MI CONTINUE WI UNIONS. RU C DRIVELINE ST	JD PITS AND F TH RU OF RIG HOKE, GAS B	RESERVE . RU FLO USTER A	PITS. TRUC OR AND BA ND FLARE I	KING WATE CKYARD. H	R FROM O	CSU 124-27 PI RIG WATER.	ER MUD EN REPAIRED '	GINEER. WORN
			CONDUCTED	SAFETY MEET	TINGS ON	N RIG UP PRO	OCEDURES				
			NO ACCIDENT	'S REPORTED	THE LAS	T 24 HOURS					
			BOILER 0 HOU	JRS.							
			FULL CREWS	ON BOTH TOU	IRS.						
			FUEL ON HAN	ID – 2059 GALI	LONS TR	ANSFERREI	FROM WH	F 116-34.			
			FUEL USED PA	AST 24 HOURS	- 228 G	ALLONS					
			FUNCTION TE	ST CROWNOM	IATIC.						
			INSPECT BRA	KE LINKAGE A	AND CON	INECTIONS.					
			MOVED FROM	(WHF 116–34 ⁻	TO WHF	107–34. 2 MI	LE MOVE. T	RUCKS RE	LEASED AT 1	730 HOURS .	
			JAMIE SPARG 3/16/07. MR. SI AND DATE OF CASING ON P	PARGER HAD BOOK TESTING	INSTRUC (DISCU	TED TO LEA	VE A VOIC	E MAIL ME	SSAGE WITH	THE ESTIM	ATED TIME
			ESTIMATED N	IU ON 3/18/07 N	MID AFTI	ERNOON.					

ESTIMATED SPUD ON 3/19/07, EARLY MORNING HOURS.

23:30

06:00

03-19-200	07 Re	ported B	y RI	CH DEMBOWS	SKI						
DailyCosts	s: Drilling			Con	pletion	\$0		Dail	y Total		
Cum Cost	s: Drilling			Con	pletion	\$0		Well			
MD	2,438	TVD	2,438	Progress	0	Days	0	MW	8.5	Visc	27.0
Formation	1:		PBTD : 0	.0		Perf:			PKR Dep	oth: 0.0	
Activity at	t Report Ti	me: TEST	ING SURFACE	CASING TO I	500 PSIG.						
Start	End	Hrs	Activity Desc	ription							
06:00 14:45 8.75 CONTINUE RU. INSPECT BHA, INCLUDING HWDP. INSPECT SWIVEL AND SUBS. STRAIGHTEN KELLY. TAI ON DRILL WATER FROM THE OSCU 124–37. WELD SAFETY LOCKDOWNS ON ALL RIG STAIRS TO PREVEN ACCIDENTAL DISCONNECT. FINISH RU AND PREPARATION TO DRILL.											
14:45	19:30	4.75	NU BOPS. CHA	ANGE OUT GR	ANT HEA	D. RU BOPS	TESTERS. S	START DAY	RATE AT 14:	45 HRS, 3/18	/07.
19:30	23:30	4.0	LIGHT PLANT	DOWN. BACK	KUP WILL	NOT START	r. CALL OUT	MECHAN	IC. BOTH PLA	ANTS BACK	ON LINE.

CONDUCTED SAFETY MEETINGS ON NU AND BOP TESTING.

TESTING SURFACE CASING TO 1500 PSIG AT REPORT TIME.

NO ACCIDENTS REPORTED THE LAST 24 HOURS.

BOILER 0 HOURS.

FULL CREWS ON DAYLIGHTS, MORNING TOUR 1 MAN SHORT.

FUEL ON HAND - 6177 GALLONS.

FUEL USED PAST 24 HOURS - 382 GALLONS

FUNCTION TEST CROWNOMATIC.

INSPECT BRAKE LINKAGE AND CONNECTIONS.

JAMIE SPARGER WITH THE BLM WAS NOTIFIED OF SPECIFIC BOP TEST TIME ON , 3/18/07. MR. SPARGER HAD INSTRUCTED TO LEAVE A VOICE MAIL MESSAGE WITH TIME AND DATE OF BOP TESTING (DISCUSSION WAS DURING NOTIFICATION OF RUNNING AND CEMENTING CASING ON PREVIOUS WELL). NO BLM REPRESENTATIVE ON LOCATION.

6.5 TEST BOP'S, TEST CHOKE MANIFOLD VALVES TO 250/5000 PSIG. TEST UPPER AND LOWER KELLY VALVES,

SAFETY VALVE AND INSIDE BOP TO 250/5000 PSIG. TEST PIPE RAMS AND PIPE RAM VALVES TO 250/5000 PSIG. TEST ANNULAR TO 250/2500 PSIG. TEST BLIND RAMS, CHOKE LINE AND MIDDLE MANIFOLD VALVESTO 250/5000 PSIG. TEST BLIND RAMS, CHOKE LINE AND SUPER CHOKE TO 250/5000 POSIG.

ESTIMATED SPUD ON 3/19/07.

RIG ON DAYWORK AT 1500 HRS, 3/18/07.

03-20-20	007 R	eported B	y Ri	ICH DEMBOW	SKI						
DailyCost	ts: Drilling			Con	npletion	\$0	Daily Total				
Cum Cos	ts: Drilling			Completion		\$0	Well Total				
MD	2,880	TVD	2,880	Progress	401	Days	1	MW	8.4	Visc	27.0
Formation: PBTD: 0.0				0.0		Perf:			PKR De	pth: 0.0	
Activity a	at Report Ti	ime: DRIL	LING AT 2880	. .							
Start	End	Hrs	Activity Desc	ription							
06:00	06:30	0.5	TEST SURFAC	E CASING TO	1500 PSIC	. ALL TESTS	OK. RD B	OP TESTERS			
06:30	12:30			NIPPLE FROM MERS, AND 3			OWLINE. I	RU PU MACH	INE. PU PAI	RT OF BHA (I	BIT,
12:30	14:00	1.5	REPAIR CATH	EADS AND DE	RILL PIPE	SPINNER. KE	ELLY SPIN	NER SENT TO	YARD FO	R REPAIR.	

14:00	16:30	2.5 PICK UP REMAINDER OF BHA AND 40 JTS PIPE. PIPE AT 2299'.
16:30	18:00	1.5 BREAK CIRCULATION. GRANT HEAD LEAKING. WORK ON TIGHTENING GRANT HEAD.
18:00	19:00	1.0 FINISH TIGHTENING GRANT HEAD. SPOT PLYWOOD AT SHAKER DISCHARGE/BYPASS DISCHARGE TO PREVENT WATER FROM WASHING UNDER PIT LINER. SECURE IN PLACE.
19:00	23:30	4.5 FINISH IN HOLE AND TAG CEMENT AT FLOAT COLLAR (2396'). DRILL FLOAT COLLAR, CEMENT, FLOAT SHOE AND 41' OF ORIGINAL HOLE. DRILL 10' OF ADDITIONAL HOLE. MIX 35 BBL 65 VIS GEL PILL WITH SAWDUST AND DISPLACE TO NEW HOLE. CLOSE RAMS AND PRESSURE TO 500 PSIG. PRESSURE WOULD NOT HOLD. PRESSURE HOLDING/SLOW DECLINE AT 400 PSIG (11.6 PPGE). RETEST WITH SAME RESULTS. TEST GOOD AT 11.6 PPG EQUIVALENT.
23:30	00:15	0.75 RUN SURVEY. 1.87 DEGREES AT 2412'.
00:15	06:00	5.75 DRILL AHEAD. DRILLING FROM 2489' TO 2880. CIRCULATING RESERVE PIT WITH 8.4 PPG WATER. USING VIS CUP OF POLYMER EVERY CONNECTION AND GEL SWEEPS AS NECESSARY TO CLEAN HOLE. 1200 PSIG AND 150 SPM (APPROX 450 GPM).

CONDUCTED SAFETY MEETINGS ON TRIPPING IN HOLE AND GENERAL HOUSEKEEPING.

NO ACCIDENTS REPORTED THE LAST 24 HOURS.

BOILER 0 HOURS.

FULL CREWS BOTH TOURS.

FUEL ON HAND - 6019 GALLONS.

FUEL USED PAST 24 HOURS - 158 GALLONS

FUNCTION TEST CROWNOMATIC.

INSPECT BRAKE LINKAGE AND CONNECTIONS.

MUDLOGGER:

CHK COM.

KIT HATFIELD

Reported By

03-22-2007

50% SANDSTONE, 40% SHALE, 10% LIMESTONE.

06:00		18.0	SPUD 7 7/8" H	OLE AT 00:15	HRS, 3/20/0	07.					
03-21-20	07 Re	ported I	By Ri	CH DEMBOW	SKI/KIT H	ATFIELD					
DailyCost	ts: Drilling			Cor	mpletion	\$0		Dail	y Total		
Cum Cost	ts: Drilling			Cor	mpletion	\$0		Well	Total		
MD	4,514	TVD	4,514	Progress	1,634	Days	2	MW	8.4	Visc	28.0
Formation	n:		PBTD : 0	.0		Perf:			PKR Dep	th: 0.0	
Activity a	t Report Ti	me: DRII	LING AT 4514								
Start	End	Hrs	Activity Desc	ription							
06:00	12:00	6.0	DRILL FROM THRU RESERV				., 72 FPH AVO	G ROP). MU	D: 8.4 PPG, 28	S VIS. CIRCU	ULATING
12:00	15:30	3.5	DRILLING: 33	12-3565' (253'	') AVG 72 F	PH.					
15:30	16:30	1.0	SURVEY / RIC	SERVICE. SU	U rvey @ :	3500' = 1.4°					
16:30	05:00	12.5	DRILLING: 35	65–4514' (949'	') AVG 76 F	PH 15-18K	WOB, 40-50	RPM TABI	E/60 MTR.		
05:00	06:00	1.0	SURVEY @ 44	37' = 1.7°							
			MUD LOGGEI	R: 70% SH, 30	% SS. BGO	G = 30, CG =	200.				
			SAFETY MEE	TINGS: WORK	CING AROU	JND ROTAR	Y TABLE/ V	VORKING (ON PUMPS		
			FULL CREWS								
			FUEL: 4831 G	AL/USED 118	88 GAL.						

s: Drilling	in.			-	\$0 \$0		•			
	TWD	6 143		-		3			Vice	28.0
	IVD		0	1,929	•	٠,	141 44		-	20.0
-	ne: DRII		•		1611.			I KK DC	Juli : 0.0	
_			intion							
		•	-	AVG 84 FI	PH 15-18K	WOB, 40-50	RPM TABL	E/60 MTR.	CIRCULATI	NG
12.00	0.0	RESERVE PIT.	, 5020 (500)			,				
12:30										
06:00	17.5							ORQUE OR	DRAG, NO FI	LL ON
		BELOW 5900' B	ECAME SAN	DIER / RA	TTIER DRIL	LING.				
		MUD LOGGER:	50% SH, 50%	6 SS. BGG	= 30, CG =	200.				
		SAFETY MEET	INGS: PPE /	WORKING	ON PUMPS	5				
		BOP DRILLS BO	OTH CREWS,	FULL CR	EWS					
		FUEL: 3880 GAI	L / USED 951	GAL.						
		BHA/MTR HRS	= 51.25 HRS							
		CHK COM.								
07 Re	ported F	Ву КІТ	T HATFIELD							
s: Drilling			Cor	npletion	\$0		Dail	y Total		
s: Drilling			Cor	npletion	\$0		Well	Total	÷	
7,742	TVD	7,742	Progress	1,299	Days	4	MW	8.5	Visc	28.0
n:		PBTD : 0.0)		Perf:			PKR De	pth: 0.0	
t Report Ti	me: DRII	LING @ 7742'.								
End	Hrs	Activity Descr	iption							
10:00	4.0					WOB, 40-5	0 RPM TABI	LE, 60 MTR.	CIRCULATIN	NG
11:00	1.0	RIG SERVICE &	k SURVEY. S	URVEY @	6650' = 1.73	0				
06:00	19.0	DRILLING: 672	8-7742' (1014	') AVG 53	FPH					
								MALL INCRE	EASE IN SIZE	AND
		MUD LOGGER	: 40% SH, 60	% SS. BGC	G = 50, CG =	250. NORTI	H HORN @	5540'.		
		SAFETY MEET	INGS: PUMP	MAINTEN	ANCE / M.	AKING CON	NECTIONS	, FULL CRE	ws	
		FUEL: 3009 GA	L / USED 871	GAL.						
		1 OLL. 3007 GA	E, 00LD 0.1							
		BHA/MTR HRS								
907 R	eported l	BHA/MTR HRS								
007 R	eported l	BHA/MTR HRS	S = 74.25 HRS	mpletion	\$0		Dail	y Total		
	-	BHA/MTR HRS	S = 74.25 HRS T HATFIELD Con	mpletion mpletion	\$0 \$0			y Total I Total		
ts: Drilling	-	BHA/MTR HRS	S = 74.25 HRS T HATFIELD Con	=		5		.	Visc	32.0
ts: Drilling ts: Drilling	-	BHA/MTR HRS CHK COM. By Kr	F HATFIELD Con Con Progress	mpletion	\$0	5	Well	l Total	Visc	32.0
ts: Drilling ts: Drilling 8,495 n:	TVD	BHA/MTR HRS CHK COM. By Ki'	F HATFIELD Con Progress 0	mpletion	\$0 Days	5	Well	l Total		32.0
	6,443 1: 2: Report Tir End 12:00 12:30 06:00 07 Re s: Drilling 7,742 n: t Report Tir End 10:00 11:00	6,443 TVD 1: Report Time: DRIL End Hrs 12:00 6.0 12:30 0.5 06:00 17.5 07 Reported F s: Drilling s: Drilling 17,742 TVD n: t Report Time: DRII End Hrs 10:00 4.0 11:00 1.0	## SECONDITIONS 1	## Com 6,443 TVD	Completion Completion 6,443 TVD	St. Drilling Completion \$0	St. Drilling	St. Drilling Completion S0 Well	S. Drilling Completion S0 Well Total	St. Drilling Completion SO Well Total

06:00	15:00		DRILLING: 7742-8090' (348') HOLE IN GOOD SHAPE, NO				RPM TABL	E, 60 MTR. M	1W=8.5 PPG, '	VIS = 35.
15:00	15:30		RIG SERVICE	•						
15:30	06:00		DRILLING: 8090-8495' (405')	AVG 28 FF	PH. 20-25K W	OB, 40-50	RPM TABL	E, 60 MTR. M	1W=8.7PPG, \	/IS = 35.
		1	MUD LOGGER: 50% SH, 64%	SS, 10%	SLTST. BGG	= 100, CG =	250. PRIC	E RIVER @ 78	315'.	
			SAFETY MEETINGS: SHAKE							
			FUEL: 1980 GAL / USED 1029				·			
			BHA/MTR HRS = 98 HRS							
			СНК СОМ.							
03-25-2007	Re	ported B	v KIT HATFIELD							
DailyCosts: 1		porteu D		pletion			Daily	Total		
Cum Costs:	_			pletion	ę.		-	Total		
	8,565	TVD	8.565 Progress	70	Days	6	MW	9.0	Visc	34.0
MD	6,505	110	PBTD: 0.0	70	Perf:	Ū	141 44	PKR Dep		2
Formation:		DITT			ren.			1 KK Dep	th . 0.0	
Activity at R	_									
	ind		Activity Description			OD 40 50 F	. D. 4 . Z. D. F	. (O.) (TTD . 11/1		NG
06:00	12:00		DRILLING: 8495–8565' (70') A INCREASE MW (DUE TO INC	CREASE II	SHALE SEE	N AT SHAP	(ERS) TO 9	3 PPG FOR T	RIP.	NU,
12:00	16:30	4.5	PUMP SLUG & TRIP OUT TO	CSG SHO	E. HOLE IN	GOOD SHA	PE. NO UN	IUSUAL DRA	G.	
16:30	19:00		CUT DRILLING LINE. SERVI							
18:30	00:00		CONTINUE TRIP OUT. LAY							
00:00	06:00		TRIP IN. INSTALL ROTATING AND WASH THROUGH. DID AND CONTINUE IN HOLE W	N'T SEE 7	TTE SPOT W					
			MUD LOGGER: 60% SH, 20%							
			SAFETY MEETINGS:TRIPPII		TING DRLG	LINE, EVE	NING TOU	R I MAN SHO	ORT.	
			FUEL: 5940 GAL / USED 540							
			BHA/MTR #1 HRS = 104 HRS	6 / MTR #2	HRS = 0.					
			CHK COM.							
03-26-2007		ported F								
DailyCosts:	•			npletion	\$0			y Total		
Cum Costs:	Drilling		Cor	npletion			Wel	l Total		
MD				690	-			0.2	w r*	
MD	9,255	TVD	9,255 Progress	070	Days	7	MW	9.3	Visc	36.0
MD Formation :		TVD	9.255 Progress PBTD: 0.0	070	Days Perf :	7	MW	9.3 PKR De _l		36.0
Formation :				0,00	•	7	MW			36.0
Formation : Activity at I			PBTD: 0.0	070	•	7	MW			36.0
Formation : Activity at I	Report Ti	me: DRII Hrs	PBTD : 0.0 LLING @ 9255'		Perf:	7 .L.	MW			36.0
Formation : Activity at I Start	Report Ti	me: DRII Hrs 2.5	PBTD: 0.0 LLING @ 9255' Activity Description		Perf:	7 .L.	MW			36.0
Formation : Activity at I Start 1 06:00	Report Ti End 08:30	me: DRII Hrs 2.5 1.0	PBTD: 0.0 LLING @ 9255' Activity Description CONTINUE TRIP IN HOLE.		Perf:	7 .L.	MW			36.0
Formation : Activity at I Start 1 06:00 08:30	Report Ti End 08:30 09:30	me: DRII Hrs 2.5 1.0 0.5	PBTD: 0.0 LLING @ 9255' Activity Description CONTINUE TRIP IN HOLE. DRILLING: 8565–8584'	HAD ONL	Perf:			PKR De	oth: 0.0	
Formation : Activity at I Start 1 06:00 08:30 09:30	Report Ti End 08:30 09:30 10:00	me: DRII Hrs 2.5 1.0 0.5 15.5	PBTD: 0.0 LLING @ 9255' Activity Description CONTINUE TRIP IN HOLE. DRILLING: 8565–8584' RIG SERVICE DRILLING: 8584–9200' (616'	HAD ONL	Perf:			PKR De	oth: 0.0	
Formation : Activity at I Start 06:00 08:30 09:30 10:00	Report Ti 08:30 09:30 10:00 01:30	me: DRII Hrs 2.5 1.0 0.5 15.5	PBTD: 0.0 LLING @ 9255' Activity Description CONTINUE TRIP IN HOLE. DRILLING: 8565–8584' RIG SERVICE DRILLING: 8584–9200' (616' LOWER TO 9.3 PPG.	HAD ONL) AVG 40 AVG 14 FI	Perf: Y 5' SOFT FII FPH 18K-20	K WOB, 50 VOB. ROP F	RPM TABL	PKR Dep	pth : 0.0	ER TRIP,

SAFETY MEETINGS: OPERATING WINCHES / KICK DETECTION, BOTH CREWS 1 MAN SHORT.

FUEL: 5227 GAL / USED 713 GAL.

BHA = 125 HRS / MTR #2 HRS = 20.5.

		C	нк сом.								
03-27-200	7 Re	ported By	KIT	HATFIELD							
Daily Costs:	: Drilling			Comp	letion			Daily	Total		
Cum Costs	: Drilling			Comp	letion			Well	Total		
MD	9,412	TVD	9,412	Progress	157	Days	8	MW	9.4	Visc	35.0
Formation	:		PBTD : 0.0			Perf:			PKR Dep	oth: 0.0	
Activity at	Report Tir	ne: DRILL	ING @ 9412'								
Start	End	Hrs A	ctivity Descri	ption							
06:00	10:30	S	RILLING: 9255 TEADILY DEC HALE SLOUGH	5–9305' (50') AV CREASING. PU HINGS.	/G 11 FP! MP HI VI	H. 25–28K V S SWEEP A	VOB, 50 RPN ND DRILL T	4 TABLE/60 ILL SWEEP	MTR. MW= TO SURFAC	9.3 PPG. BI E. NO ABNO	T ROP ORMAL
10:30	02:30	Т	IH. HIT BRIDO	TRIP FOR BIT. GE @ 4300'. KE RY REAM LAS	LLY UP	AND WASH	THROUGH.	EW 1 MAN TITE SPOT	SHORT). CH S DOWN TO	IANGE OUT 4900'.	BIT AND
02:30	06:00			5–9412' (107') A							
				40% SH, 50%							
				NGS:OPERATI		CHES / TRI	PPING, DA	ALIGHT CR	EW IMANS	SHORT.	
		_		L / USED 792 C							
		_		/ MTR #2 HRS	± 29.						
			HK COM.	TIATEL D							
03-28-200		ported By		HATFIELD		¢0		Dail	Total		
DailyCosts	_		,	•	pletion	\$0		·	y Total Total		
Cum Costs	_	:		•	pletion		0		9,4	Visc	35.0
MD	10,022	TVD	10,022	Progress	610	Days	9	MW	9.4	VISC	33.0
		IVD				D			DIVD Do	nth . OO	
Formation	1:		PBTD : 0.0			Perf:			PKR De	pth: 0.0	
	ı : Report Ti	me: DRILI	.ING @ 10022'.			Perf:			PKR De	pth: 0.0	
Activity at Start	a : Report Ti End	me: DRILI Hrs /	.ING @ 10022'. Activity Descr	iption	WC 21 F		ND 50 DDM 1	'ADIE 60 N			
Activity at Start 06:00	t Report Ti End 12:00	me: DRILI Hrs A	LING @ 10022'. Activity Descr DRILLING: 941		WG 31 FI		DB, 50 RPM 1	ABLE, 60 N			
Activity at Start	a : Report Ti End	me: DRILL Hrs	LING @ 10022'. Activity Descr DRILLING: 941: RIG SERVICE DRILLING: 959	iption 2–9595 (183') A 5–10022' (427')) AVG 24	PH. 20K WC FPH. PARA	METERS AS	ABOVE. S	ITR. MW = 9	0.5 PPG. REASE MW 1	TO 9.8 PPG. TION.
Activity at Start 06:00 12:00	End 12:00 12:30	me: DRILI Hrs	LING @ 10022'. Activity Descr ORILLING: 941' RIG SERVICE ORILLING: 959 SECTION 9820-	iption 2–9595 (183') A) AVG 24 ORQUE,	PH. 20K WC FPH. PARA ERRATIC P	METERS AS -RATE. 15 I	ABOVE. SI	ITR. MW = 9	0.5 PPG. REASE MW 1	TO 9.8 PPG. TION.
Activity at Start 06:00 12:00	End 12:00 12:30	me: DRILI Hrs A 6.0 I 0.5 F 17.5 I	LING @ 10022'. Activity Descr ORILLING: 941' RIG SERVICE ORILLING: 959 SECTION 9820-	iption 2–9595 (183') A 5–10022' (427') -9920'; HIGH T : 80% SH, 10%) AVG 24 ORQUE,	PH. 20K WC FPH. PARA ERRATIC P	METERS AS -RATE. 15 I	ABOVE. SI	ITR. MW = 9	0.5 PPG. REASE MW 1	TO 9.8 PPG. TION.
Activity at Start 06:00 12:00	End 12:00 12:30	me: DRILI Hrs	LING @ 10022'. Activity Descr ORILLING: 941'. RIG SERVICE ORILLING: 959 SECTION 9820- MUD LOGGER: SEGO TOP @ 95	iption 2–9595 (183') A 5–10022' (427') -9920'; HIGH T : 80% SH, 10%	AVG 24 ORQUE, SS, 10%	PH. 20K WC FPH. PARA ERRATIC P SLTST. BG	METERS AS -RATE. 15 F G = 3000, CO	ABOVE. SI (WOB TO (G = 3500.	ITR. MW = 9 LOWLY INCE	0.5 PPG. REASE MW 1	10 9.8 PPG. TION.
Activity at Start 06:00 12:00	End 12:00 12:30	me: DRILI Hrs A 6.0 I 0.5 F 17.5 I 5	LING @ 10022'. Activity Descripting: 941: ACTIVITY DESCRIPTION: 941: ACTIVITY DESCRIPTION: 959. BECTION: 9820- MUD LOGGER: BEGO TOP @ 98 BAFETY MEET	iption 2–9595 (183') A 5–10022' (427') -9920'; HIGH T : 80% SH, 10%) AVG 24 ORQUE, SS, 10% G CONNE	PH. 20K WC FPH. PARA ERRATIC P SLTST. BG	METERS AS -RATE. 15 F G = 3000, CO	ABOVE. SI (WOB TO (G = 3500.	ITR. MW = 9 LOWLY INCE	0.5 PPG. REASE MW 1	TO 9.8 PPG. TION.
Activity at Start 06:00 12:00	End 12:00 12:30	me: DRILI Hrs A 6.0 I 0.5 I 17.5 I 5	LING @ 10022'. Activity Descr DRILLING: 941: RIG SERVICE DRILLING: 959 SECTION 9820- MUD LOGGER: SEGO TOP @ 9: SAFETY MEET FUEL: 3405 GA	iption 2–9595 (183') A 5–10022' (427') -9920'; HIGH T : 80% SH, 10% 898'. INGS:MAKING	AVG 24 FORQUE, SS, 10% G CONNE GAL.	PH. 20K WC FPH. PARA ERRATIC P SLTST. BG	METERS AS -RATE. 15 F G = 3000, CO	ABOVE. SI (WOB TO (G = 3500.	ITR. MW = 9 LOWLY INCE	0.5 PPG. REASE MW 1	TO 9.8 PPG. TION.
Activity at Start 06:00 12:00	End 12:00 12:30	me: DRILI Hrs	LING @ 10022'. Activity Descr DRILLING: 941: RIG SERVICE DRILLING: 959 SECTION 9820- MUD LOGGER: SEGO TOP @ 9: SAFETY MEET FUEL: 3405 GA	iption 2-9595 (183') A 5-10022' (427') -9920'; HIGH T : 80% SH, 10% 898'. INGS:MAKING	AVG 24 FORQUE, SS, 10% G CONNE GAL.	PH. 20K WC FPH. PARA ERRATIC P SLTST. BG	METERS AS -RATE. 15 F G = 3000, CO	ABOVE. SI (WOB TO (G = 3500.	ITR. MW = 9 LOWLY INCE	0.5 PPG. REASE MW 1	TO 9.8 PPG. TION.
Activity at Start 06:00 12:00	End 12:00 12:30 06:00	me: DRILI Hrs	Activity Description of the community of	iption 2-9595 (183') A 5-10022' (427') -9920'; HIGH T : 80% SH, 10% 898'. INGS:MAKING	AVG 24 FORQUE, SS, 10% G CONNE GAL.	PH. 20K WC FPH. PARA ERRATIC P SLTST. BG	METERS AS -RATE. 15 F G = 3000, CO	ABOVE. SI (WOB TO (G = 3500.	ITR. MW = 9 LOWLY INCE	0.5 PPG. REASE MW 1	TO 9.8 PPG. TION.
Activity at Start 06:00 12:00 12:30	End 12:00 12:30 06:00	me: DRILI Hrs	Activity Description of the community of	iption 2–9595 (183') A 5–10022' (427') -9920'; HIGH T : 80% SH, 10% 898'. INGS:MAKING L / USED 1030 G / MTR #2 HRS	AVG 24 FORQUE, SS, 10% G CONNE GAL.	PH. 20K WC FPH. PARA ERRATIC P SLTST. BG	METERS AS -RATE. 15 F G = 3000, CO	ABOVE. SI WOB TO G G = 3500.	ITR. MW = 9 LOWLY INCE	0.5 PPG. REASE MW 1	ro 9.8 PPG. Tion.
Activity at Start 06:00 12:00 12:30 03-29-20 Daily Cost	End 12:00 12:30 06:00	me: DRILI Hrs	Activity Description of the community of	iption 2-9595 (183') A 5-10022' (427') -9920'; HIGH T : 80% SH, 10% 898'. INGS:MAKING L / USED 1030 6 / MTR #2 HRS	AVG 24 ORQUE, SS, 10% G CONNE GAL. S = 52.	PH. 20K WC FPH. PARA ERRATIC P SLTST. BG CCTIONS /	METERS AS -RATE. 15 F G = 3000, CO	ABOVE. SI C WOB TO C G = 3500. CTION. FUI	ITR. MW = 9 LOWLY INCE GET THROUGH	0.5 PPG. REASE MW 1	TO 9.8 PPG. TION.

PBTD: 0.0 Perf: PKR Depth: 0.0 Formation: Activity at Report Time: LDDP AT 7000' End **Activity Description** Start 4.5 DRILLING: 10022-10117' TD (95') AVG 21 FPH, MW = 9.9 PPG, REACHED TD AT 10:30 HRS, 3/28/07, 06:00 10:30 2.0 PUMP 40 BBLS 120 VIS SWEEP AND CIRCULATE TO SURFACE. NO ABNORMAL CUTTINGS OBSERVED. MIX 10:30 12:30 AND PUMP SLUG. 11.0 SHORT TRIP 128 STDS UP TO CASING SHOE. HOLE IN GOOD SHAPE. 12:30 23:30 23:30 03:00 3.5 CIRCULATE & CONDITION MUD. HOLD PRE-JOB SAFETY MEETING. RIG UP LAY DOWN MACHINE. BUMP MW TO 10.1 PPG. 3.0 TRIP OUT LAYING DOWN DRILL PIPE. 03:00 06:00 MUD LOGGER: 80% SH. 10% SS. 10% SLTST. BGG = 3000, CG = 3500. SAFETY MEETINGS: MIXING MUD / LAYING DOWN DP. DAYLIGHTS ONE MAN SHORT. FUEL: 2705 GAL / USED 700 GAL. BHA = 162HRS / MTR #2 HRS = 56.5.CHK COM. KIT HATFIELD 03-30-2007 Reported By **Daily Total DailyCosts: Drilling** Completion Well Total Completion **Cum Costs: Drilling** 0 MD 10,117 TVD 10,117 Progress Davs 11 MW10.0 Visc 42.0 **PBTD:** 0.0 Perf : PKR Depth: 0.0 Formation: Activity at Report Time: CEMENT 4 1/2" CASING. Start End **Activity Description** 0.5 CONTINUE TRIP OUT LAYING DOWN DP. 06:00 06:30 07:00 0.5 RIG SERVICE 06:30 1.5 RIG REPAIR: AIR VALVE ON BREAK OUT CATHEAD. 07:00 08:30 7.5 CONTINUE TRIP OUT LAYING DOWN, BREAK KELLY, LAY DOWN BHA. 08:30 16:00 1.5 PULL WEAR BUSHING, HOLD SAFETY MEETING/JOB DISCUSSION, RIG UP CASING CREW 16:00 17:30 17:30 02:00 8.5 RUN CASING: RUN 250 JTS 4 1/2" 11.6# HCP-110, LTC CASING. (TAG ON JT 251 @ 10114' TD / LAY DOWN #251)) SHOE @ 10,096', COLLAR @ 10,054'. MARKER JOINTS @ 7829' & 3870'. CASING RAN RIGHT TO BOTTOM W/ NO PROBLEMS. 02:00 2.5 LAY DOWN TAGGING JOINT. MAKE UP HANGER AND LANDING JOINT. RUN IN TO 2' ABOVE CASING 04:30 HEAD. CIRCULATE CASING. RIG DOWN CASING CREW AND LAY DOWN MACHINE. HOLD JOB DISCUSSION - SAFETY MEETING W/ DOWELL CEMENTERS. RIG UP TO CEMENT. 04:30 06:00 1.5 CEMENT 4 1/2" CASING - DETAILED REPORT TO FOLLOW. MUD LOGGER: RELEASED 3/29 SAFETY MEETINGS:RUNNING CASING / LAYING DOWN DP. DAYLIGHTS ONE MAN SHORT. FUEL: 2300 GAL / USED 400 GAL. BHA = 162HRS / MTR #2 HRS = 56.5.CHK COM. KIT HATFIELD 03-31-2007 Reported By

DailyCosts: Dri	ling		Com	pletion	c		Daily	Total	# ,	
Cum Costs: Dri	-			- pletion			Well	Fotal .	~*	
	117 TVD	10,117	Progress	0	Days	12	MW	0.0	Visc	0.0
Formation :		PBTD : 0			Perf :			PKR Dept	h : 0.0	
Activity at Repo	ort Time: RD	RT/WO COMPLE	ETION							
Start End	Hrs	Activity Desc								
		5 FINISH CEME	NTING CASING							
		PPG. TAIL IN DROP PLUG & PSI OVER. FL	W/ 6% D20+ 2% W/ 1870 SX 50/3 DISPLACE W/ OATS HELD. H. 0530 HRS3/30/07	50 POZ W 155 BBLS AD FULL	/ 2% D20+ .2 S WATER W/	2% D65+ .2% 2% CLAY S	D167+ .1% [TABILIZER	046+ .1% D13 AT 8 BPM B	MIXED AT SUMPED PL	14.1 PPG. UG W/ 500
06:30 07	:00 0	.5 LAND CASING DOWN CEME		90,000#. E	BACK OFF L	ANDING JO	INT. TEST H	IANGER W/ 5	000 PSI. OK	RIG
07:00 12	::00 5	.0 NIPPLE DOW!	N STACK. INST.	ALL DRY	HOLE CAP.	CLEAN PITS	S.			
12:00 00	:00 18	.0 RIG RELEASE								
		WILL HAVE T	RUCKS IN THE	MORNIN	ig. Antici	PATE SPUD I	.ATE SUND	AY.		
	2.4	SAFETY MEE	TING: CEMENT		GGING DOW	VN. FULL CF	REWS. FUEL	. = 2550 GAL /	USED 700	GAL.
	±- 		T COST: \$832,0						_	
04-04-2007	Reported	d By Si	EARLE							
DailyCosts: Dri	lling	\$0	Com	pletion			Daily	Total		
Cum Costs: Dr	_		Con	pletion			Well	Total		
MD 10	.117 TVD	10,117	Progress	0	Days	13	MW	0.0	Visc	0.0
Formation:		PBTD:	10054.0		Perf:			PKR Dep	th: 0.0	
Activity at Rep	ort Time: PF	REP FOR FRACS								
Start End	Hrs	Activity Des	cription							
	24	I.0 MIRU SCHLU SCHLUMBER		G WITH I	RST/CBL/CC	L/VDL/GR F	ROM PNTD	TO 60'. EST C	CEMENT TO	OP @ 140'. RD
04-14-2007	Reporte	d By	ICCURDY							
DailyCosts: Dr	illing	\$0	Con	npletion			Daily	Total	4	
Cum Costs: Dr	_		Con	npletion			Well	Total	•	
MD 10),117 TVE	10,117	Progress	0	Days	14	MW	0.0	Visc	0.0
Formation :		PBTD:	10054.0		Perf:			PKR Dep	th: 0.0	
Activity at Rep	ort Time: W	O COMPLETION	[
Start End		Activity Des								
		1.0 NU 10M FRA	-	URE TES	TED FRAC T	TREE & CASI	NG TO 8500	PSIG. WO CO	MPLETION	NS.
04-18-2007	Reporte	d By	IISLOP							
DailyCosts: Dr	- illing	\$0	Con	npletion			Daily	y Total		
Cum Costs: Dr	_			npletion		•	•	Total		
	5),117 TVI	10,117		0	Days	15	MW	0.0	Visc	0.0
Formation : M		PBTD:			•	35'-9941'		PKR Dep	th: 0.0	
		· ·						-		

Activity at Report Time: PERF & FRAC

Start	End	Hrs	Activity Description
-------	-----	-----	----------------------

06:00 06:00

24.0 RU LONE WOLF WIRELINE. PERFORATED LPR FROM 9775'-9776', 9803'-04', 9812'-13', 9821'-22', 9828'-29', 9842'-43', 9859'-60', 9864'-65', 9876'-77', 9885'-86', 9920'-21' & 9940'-41' @ 3 SPF & 120° PHASING. RU SCHLUMBERGER. FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 4794 GAL YF116ST+ PAD & 44120 GAL YF116ST+ WITH 130300# 20/40 SAND @ 1-5 PPG. MTP 6334 PSIG. MTR 45.5 BPM. ATP 5076 PSIG. ATR 43.8 BPM. ISIP 3420 PSIG. RD SCHLUMBERGER.

RUWL. SET WEATHERFORD 10K CFP @ 9740'. PERFORATED LPR FROM 9504'-05', 9522'-23', 9556'-57', 9581'-82', 9598'-99', 9620'-21', 9641'-42', 9649'-50', 9676'-77', 9711'-12', 9721'-22' & 9728'-29' @ 3 SPF & 120° PHASING. RU SCHLUMBERGER. FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 4778 GAL YF116ST+ PAD & 49833 GAL YF116ST+ WITH 149000# 20/40 SAND @ 1-5 PPG. MTP 7044 PSIG. MTR 45.7 BPM. ATP 5390 PSIG. ATR 44.7 BPM. ISIP 3620 PSIG. RD SCHLUMBERGER.

RUWL. SET WEATHERFORD 10K CFP @ 9480'. PERFORATED LPR FROM 9435'-36', 9440'-41', 9465'-67' @ 3 SPF & 120° PHASING. REMAINING GUNS MISFIRED. REPAIRED GUN. RAN IN W/GUNS TO 7400' & GREASE INJECTOR FAILED. POH. SDFN.

Formation: MESAVERDE	PBTD : 10054.0 Perf :	9078' - 9941 PKR Depth : 0.0
MD 10,117 TVD	10.117 Progress 0 Days	16 MW 0.0 Visc 0.0
Cum Costs: Drilling	Completion	Well Total
DailyCosts: Drilling \$0	Completion	Daily Total
04-19-2007 Reported By	HISLOP	

Activity at Report Time: FRAC

Start End Hrs Activity Description

06:00 06:00

24.0 SICP 2850 PSIG. RUWL. PERFORATED MPR FROM 9279'-80', 9283'-84', 9300'-01', 9309'-10', 9329'-30', 9379'-80', 9385'-86', 9396'-97' @ 3 SPF & 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 4998 GAL YF116ST+ PAD & 50377 GAL YF116ST+ WITH 150606# 20/40 SAND @ 1-5 PPG. MTP 6541 PSIG. MTR 45.9 BPM. ATP 5415 PSIG. ATR 44.8 BPM. ISIP 3850 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K CFP @ 9250'. PERFORATED MPR FROM 9047–48' (MISFIRE), 9078'–79', 9079–80' (MISFIRE), 9105'–06', 9114'–15', 9131'–32', 9154'–55', 9182'–83', 9193'–94', 9205'–06', 9225'–26', 9238'–39' @ 3.SPF & 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 165 GAL GYPTRON T–106, 7426 GAL YF116ST+ PAD & 50233 GAL YF116ST+ WITH 150500# 20/40 SAND @ 1–5 PPG. MTP 5955 PSIG. MTR 45.8 BPM. ATP 4723 PSIG. ATR 42.3 BPM. ISIP 2950 PSIG. RD SCHLUMBERGER. SDFN.

04-20-2007	Re	ported By	НІ	SLOP							
DailyCosts: I	Orilling	\$0		Completion				Daily			
Cum Costs: I	Orilling		τ	Com	pletion			Well '	Total		
MD	10,117	TVD	10,117	Progress	0	Days	17	MW	0.0	Visc	0.0
Formation:	MESAVE	RDE	PBTD : 10	0054.0		Perf : 7947	" – 9941'		PKR De _l	pth: 0.0	

Activity at Report Time: PREP TO MIRUSU

Start End Hrs Activity Description

06:00 06:00 24.0 SICP 2530 PSIG. RU CUTTERS WIRELINE. SET 10K CFP @ 8990'. PERFORATED MPR FROM 8741'-42', 8752'-53', 8772'-73', 8811'-12', 8852'-53', 8861'-62', 8891'-92', 8902'-03', 8915'-16', 8932'-33', 8948'-49', 8972'-8973'. RDWL. RU SCHLUMBERGER, FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 5216 GAL YF116ST+ PAD, 54,625 GAL YF116ST+ WITH 167,000 # 20/40 SAND @ 1-5 PPG. MTP 6538 PSIG. MTR 45.7 BPM.

ATP 4719 PSIG. ATR 42.0 BPM. ISIP 2940 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K CFP @ 8670'. PERFORATED UPR FROM 8434'-35', 8441'-42', 8477'-78', 8495'-96', 8515'-16', 8526'-27', 8552'-53', 8559'-60', 8586'-87', 8592'-93', 8647'-48' & 8653'-54'. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 4775 GAL YF116ST+ PAD & 44184 GAL YF116ST+ WITH 130604# 20/40 SAND @ 1-5 PPG. MTP 7161 PSIG. MTR 45.8 BPM. ATP 5282 PSIG. ATR 45.2 BPM. ISIP 3250 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K CFP @ 8400'. PERFORATED UPR FROM 8223'-24', 8231'-32', 8241'-42', 8260'-61', 8265'-66', 8275'-76', 8286'-87', 8317'-18', 8354'-55', 8361'-62', 8370'-71', 8381'-82'. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 5011 GAL YF116ST+ PAD & 50049 GAL YF116ST+ WITH 149300# 20/40 SAND @ 1-5 PPG. MTP 6458 PSIG. MTR 47.2 BPM. ATP 5322 PSIG. ATR 45.9 BPM. ISIP 3150 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K CFP @ 8150'. PERFORATED UPR FROM 7947'-48', 7966'-67', 7979'-80', 7994'-95', 8023'-24', 8040'-41', 8049'-50', 8067'-68', 8078'-79', 8092'-93', 8101'-02' & 8132'-33'. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 4991 GAL YF116ST+ PAD & 52016 GAL YF116ST+ WITH 148760# 20/40 SAND @ 1-5 PPG. MTP 7180 PSIG. MTR 46.4 BPM. ATP 4959 PSIG. ATR 45.3 BPM. ISIP 3325 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K CBP AT 7802'. BLED OFF PRESSURE. RDWL. SDFN. WO COMPLETION RIG.

04-26-20	 M7 D2	norted E	By G.	BAUSCH							
		-	- 3					n. 4			
•	ts: Drilling	SC	U		pletion				y Total		
Cum Cos	ts: Drilling			Com	pletion			Well	Total	:	
MD	10,117	TVD	10,117	Progress	0	Days	18	MW	0.0	Visc	0.0
Formatio	n: MEASEV	'ERDE	PBTD : 1	0054.0		Perf : 7947	7' - 9941		PKR Dep	th: 0.0	
Activity a	at Report Ti	me: CLE	AN OUT AFTER	R FRAC							
Start	End	Hrs	Activity Desc	ription							
07:00	18:30	11.5	MIRUSU. ND I	FRAC VALVE. N	NU BOPE.	RIH W/MILL	. & PUMP C	FF BIT SUE	3 TO CBP @ 7	802'. SDFN.	
04-27-20	007 R	eported I	By G.	BAUSCH					to A . L - A.		
DailyCos	ts: Drilling	\$(0	Con	pletion	•		Dail	y Total		
•	ts: Drilling			Con	pletion	Έ		Well	Total		
MD	10,117	TVD	10,117	Progress	0	Days	19	MW	0.0	Visc	0.0
	n: MEASEV		PBTD : 1	•		Perf : 7947	7' – 9941		PKR Der	oth: 0.0	
-	at Report Ti								•		
Start	End	Hrs	Activity Desc	rintion							
07:00	06:00		SICP 0 PSIG. C	-	& DRILL	ED OUT PLU	GS @ 7802	' 8150' 840	O' 8670' 8996	n' 9250' 948	በ' & 9740'
07:00	00:00	23.0		DOUT TO PBT							
			SUB. RDMOSI	U.							
			FLOWED 13 I BLWTR.	IRS. 16/64" CH	OKE. FTP	1950 PSIG. C	P 1900 PSI	G. 45 BFPH.	RECOVERED	706 BLW. 1	1046
			BLW I K.								
			TUDING DET	AIL LENGTH	r						
			1 UBING DE IA	AIL LENGIN	l.						
			PUMP OFF SU	B 1.00'							
			1 JT 2-3/8" 4.7	# N-80 TBG	32.88'						
			XN NIPPLE	1.30'							
				4.7# N-80 TBC	3 83 5 4.7:	5'					
			BELOW KB	19.00'							

LA	ND	EΙ)	@	84	08	.93	' KB

G. BAUSCH 04-28-2007 Reported By

DailyCosts: Drilling 80 Completion **Daily Total Cum Costs: Drilling** Completion **Well Total**

MD 10,117 TVD 10,117 **Progress** Days 20 0.0 0.0 Visc

Formation: MEASEVERDE PBTD: 10054.0 Perf: 7947' - 9941 PKR Depth: 0.0

Activity at Report Time: FLOW TEST TO SALES-INITIAL PRODUCTION

Start End Hrs **Activity Description**

24.0 INITIAL PRODUCTION. OPENING PRESSURE: TP 1850 & CP 1950 PSI. TURNED WELL OVER TO QUESTAR 06:00 06:00

SALES AT 1:30 PM, 4/27/07. FLOWED 1200 MCFD RATE ON 20/64" POS CHOKE.

FLOWED 24 HRS. 20/64" CHOKE. FTP 1600 PSIG. CP 1750 PSIG. 1100 MCFD. 45 BFPH. RECOVERED 70 BC &

1110 BLW, 9936 BLWTR.

04-29-2007 G. BAUSCH Reported By

Daily Costs: Drilling \$0 Completion **Daily Total Cum Costs: Drilling** Completion Well Total

MD 10,117 TVD 10,117 21 0.0 0.0 **Progress** Days MW Visc

Formation: MEASEVERDE **PBTD:** 10054.0 Perf: 7947' - 9941 PKR Depth: 0.0

Activity at Report Time: FLOW TEST TO SALES

Start End Hrs **Activity Description**

24.0 FLOWED 24 HRS. 20/64" CHOKE. FTP 1300 PSIG, CP 1650 PSIG. 40 BFPH. RECOVERED 965 BBLS, 8919 BLWTR. 06:00 06:00

1100 MCFD, 80 BBLS OIL.

FLOWED 794 MCFD, 60 BC & 1100 BW IN 24 HRS ON 20/64" CK, TP 1550 & CP 1700 PSIG.

G. BAUSCH 04-30-2007 Reported By

DailyCosts: Drilling \$0 Completion **Daily Total Cum Costs: Drilling** Completion Well Total

MD 10.117 TVD 0 MW 10,117 0.0 **Progress** Davs 22 Visc 0.0

Formation: MEASEVERDE **PBTD:** 10054.0 Perf: 7947' - 9941 PKR Depth: 0.0

Activity at Report Time: FLOW TEST TO SALES

Start End Hrs **Activity Description**

06:00 06:00 24.0 FLOWED 24 HRS. 22/64" CHOKE. FTP 1050 PSIG. CP 1650 PSIG. 35 BFPH. RECOVERED 833 BLW. 8046 BLWTR.

1300 MCFD.

FLOWED 1096 MCFD, 100 BC & 963 BW IN 24 HRS ON 22/64" CK, TP 1300 & CP 1600 PSIG.

Reported By DailyCosts: Drilling **\$0** Completion **Daily Total Cum Costs: Drilling** Completion Well Total

G. BAUSCH

MD 10,117 TVD 10,117 **Progress** Davs 23 MW0.0 0.0 Visc

Formation: MEASEVERDE **PBTD**: 10054.0 Perf: 7947' - 9941 PKR Depth: 0.0

Activity at Report Time: FLOW TEST TO SALES

05-01-2007

Start End Hrs **Activity Description** 06:00

06:00

24.0 FLOWED 24 HRS. 22/64" CHOKE. FTP 900 PSIG. CP 1700 PSIG. 35 BFPH. RECOVERED 819 BLW. 7198 BLWTR. 1100 MCF.

FLOWED 1056 MCFD, 60 BC & 833 BW IN PRIOR 24 HRS ON 22/64" CK. TP 1000 & CP 1675 PSIG.

05-02-2007

Reported By

G. BAUSCH

\$0

DailyCosts: Drilling

Completion Completion

0

Daily Total

Cum Costs: Drilling

Well Total

0.0

MD

10,117 **TVD**

10,117 Progress

Days

MW

0.0 Visc

Formation: MEASEVERDE

PBTD: 10054.0

Perf: 7947' - 9941

PKR Depth: 0.0

Activity at Report Time: FLOW TEST TO SALES

End

Start

Hrs

Activity Description

06:00 06:00 24.0 FLOWED 24 HRS. 22/64" CHOKE. FTP 800 PSIG. CP 1600 PSIG. 1000 MCFD. 31 BFPH. RECOVERED 710 BLW.

6453 BLWTR.

FLOWED 961 MCFD, 60 BC & 861 BW IN PRIOR 24 HRS ON 22/64" CK. TP 900 & CP 1650 PSIG.

Form 3160-4 (April 2004)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB NO. 1004-0137 Expires: March 31, 2007

WELL COMPLETION	OR RECOMPLETION	REPORT AND LOG
-----------------	-----------------	----------------

	WELL	COMP	LET	ION OH	RECOMP	LETION	N HEPUR	i AINL	LOG		5.		ise Seri 49523			
a. Type of V	wan F	Oit wat	17	Gas Well	Dry [Other					6.	lf b	idian, .	Allottee o	or Tribe Name	
h. Type of t		· [Work Ove	_	pen Plu	g Back	Diff. R	lesvr, .	7.	Uni	t or CA	A Agreen	nent Name and	No.
. Name of	Operator (EOG Re	sourc	es. Inc.							8.	8. Lease Name and Well No. Wild Horse Federal 107-34				
Address	600 1746	Street	uita 1	000N. Den	ver, CO 802	202	1 '		include area	(code)	9.	AF	l Well	No.	20100 IV/*-04	
								3-824-5	5526		10		3-047 ld and		Exploratory	
Location	of Well (R	Report loca	tion cl	early and in	accordance v	vith Feder	al requiremen	(s) *			10.				/Mesaverde	
At surfa	ce 825	s FSL &	2152'	FWL (SE	SW) 39.898	603 LAT	109.769936 1	LON			11.	. Sec	c., T., F	R., M., or	n Block and	ot:
At top p	rod. interva	l reported	below	Same							12			r Area or Parish	is. State	<u></u>
At total	denth Sa	me										Uin	tah C	ou nty	UT	
14. Date Sp		····	15. 1	Date T.D. Re			16. Date C				17.			is (DF, R AT GL	RKB, RT, GL)*	
02/26/			<u> </u>	03/28/200		D. MD	D &	: A	Ready to 20. Depth		Plug Set		MD	11 (31)		
l8. Total D	epth: MD TV) 10,117		1	O. Plug Back T	.u.: MU TVI			осра	, D. nige	. mg set		TVD			
21 Type E			hanica	d Loes Run	(Submit copy				22. Was	well core	ed? ✓	No			mit analysis)	
	BL/CCL/			n zoga rem	(540	,,				DST run		No	ш_		mit report) Submit copy)	
				et all string	gs set in well	i)			Direc	tional S	urvey?	∠ N	<u>ю</u> <u>г</u>	1168 (3	stionit copy,	
Hole Size	Size/Grad	T	#/ft.)	Top (MD		l Sta	ige Cementer		of Sks. & of Cement	Slurry	y Vol. BL)	Cer	nent Te	op*	Amount Pull	ed
12-1/4"	9-5/8"	36.0		J-55	0-243		Depth	735 s		(1)						
7-7/8"	4-1/2"	11.6		P-110	0-10.	096		2140	sx							
					_											
		-														
24 Tubing	Record							T	5 1 145		C' .	10	anth C	et (MD)	Packer Depth	(MD)
Size	 	Set (MD)	Packe	r Depth (MI	O) Size	D	epth Set (MD)	Packer	Depth (MD	<u>'</u>	Size	+	eptii 3	et (MD)	Tacket Bepair	(1112)
2-3/8" 25. Produc	8409 ing Interva	ls				2	6. Perforatio								5	
	Formation			Гор	Botto		Perforated Interval Size			No. Holes Perf. Status 3/spf			Perf. Status			
A) Mesa B)	verde			7947	9941		9775-9941 9504-9729					3/spf				
C)							9279-9467			3/5		3/spf				
D)						9	078-9239	-			3/spf					
	Fracture, Tro Depth Interv		ement	Squeeze, etc	·			Amount	and Type of	Materia	1					
9775-99-				49.079 G	ALS GELL	ED WAT	ER & 130.30	0# 20/4	0 SAND							
9504-97				54,776 G	ALS GELL	ED WAT	ER & 149.00 ER & 150.60	0# 20/4 6# 20/4	O SAND							
9279-94							ER & 150.50					_				
28. Produ	iction - Inte	rval A							Gas		Production	Meth	od			
Date First Produced	Test Date	Hours Tested	Test Produ	oction Oil BBL	Gas MCF	Water BBL	Oil Gr Corr.	API	Gravit	у	FLOWS			r.		
04/27/2007	05/02/2007	24	200	64)	961 Gas	861 Water	Gas/O	il	Well Si	atus						
Choke Size	Thg. Press. Flwg.	Csg. Press.	24 H	BBL	MCF	88L 861	Ratio				PRODU	CING	GAS W	ELL		
22/64"	SI 900 uction - Int	1650 erval B		60	961	1 801										
Date First	Test	Hours	Test Produ	oil ction BBL	Gas MCF	Water BBL	Oil Gr Corr.	avity API	Gas Gravity		Production	Meth	od			
Produced	Date	Tested	Produ	_	, sict											
Choke	Tbg. Press. Flwg.	Csg. Press.	24 Hi Rate	r. Oil	Gas MCF	Water BBL	Gas O Ratio	il	Well St	atus			-			
Size	SI	1 1035.	Kate	→ _									B	IEC	EIVED	

^{*(}See instructions and spaces for additional data on page 2)

28h Produ	ction - Inter	rval C													
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method						
Choke Size	Thg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status							
28c. Prod	uction - Int	erval D				_ !			′						
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method						
Choke Size	Thg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	Well Status						
29. Disp	osition of C	L Gas (Sold,	used for fuel	, vented, c	 re.)										
		roue Zones	(Include Ac	miforsy				31. Format	ion (Log) Markers						
Show	a all impor	tant zones depth inter	of norosity	and conte	nts thereof: i, time tool	Cored intervopen, flowing	vals and all drill-sto g and shut-in pressu	em							
Fon	Formation Top Bottom			n	Des	criptions,Cor	ntents, etc.		Name	Top Meas, Depth					
			9941 Ide plugging	procedure):			1.000.00	a Wells anyon	4311 4910 5624 7906 8680 9528 9964					
34. The	Electrical/N Sundry Not	dechanical ice for plu	Logs (1 full gging and ce	set req'd.) ment verif l attached	cation	in the approp Geologic Re Core Analys	port DST Resis Other: Ind correct as determ Title Resis	nined from all ava	onal Survey ilable records (see attached in	structions)*					
·	nature		<u> </u>	Z	/ dec	<u>X</u>	Date	5/29/2007	ille. II. to	etmant or grange of the Unite					
Title 13 States a	8 U.S.C Se my false, f	ction 100 ictitious o	l and Title 4 r fraudulent	3 U.S.C S statemen	s or represe	2. make it a cr entations as t	rime for any person to any matter with	knowingly and v in its jurisdiction	vilifully to make to any depa	rtment or agency of the Unite					

Wild Horse Federal 107-34 - ADDITIONAL REMARKS (CONTINUED):

26. PERFORATION RECORD

8741-8973	3/spf
8434-8654	3/spf
8223-8382	3/spf
7947-8133	3/spf

27. ACID. FRACTURE TREATMENT, CEMENT SQUEEZE, ETC.

8741-8973	60,006 GALS GELLED WATER & 167,000# 20/40 SAND
8434-8654	49,124 GALS GELLED WATER & 130,604# 20/40 SAND
8223-8382	55,225 GALS GELLED WATER & 149,300# 20/40 SAND
7947-8133	57,172 GALS GELLED WATER & 148,760# 20/40 SAND

Perforated the Lower Price River from 9775-9776', 9803-9804', 9812-9813', 9821-9822', 9828-9829', 9842-9843', 9859-9860', 9864-9865', 9876-9877', 9885-9886', 9920-9921' & 9940-9941' w/ 3 spf.

Perforated the Lower Price River from 9504-9505', 9522-9523', 9556-9557', 9581-9582', 9598-9599', 9620-9621', 9641-9642', 9649-9650', 9676-9677', 9711-9712', 9721-9722' & 9728-9729' w/ 3 spf.

Perforated the Middle Price River from 9279-9280', 9283-9284', 9300-9301', 9309-9310', 9329-9330', 9379-9380', 9385-9386', 9396-9397', 9435-9436', 9440-9441' & 9465-9467' w/ 3 spf.

Perforated the Middle Price River from 9078-9079', 9105-9106', 9114-9115', 9131-9132', 9154-9155', 9182-9183', 9193-9194', 9205-9206', 9225-9226' & 9238-9239' w/ 3 spf.

Perforated the Middle Price River from 8741-8742', 8752-8753', 8772-8773', 8811-8812', 8852-8853', 8861-8862', 8891-8892', 8902-8903', 8915-8916', 8932-8933', 8948-8949' & 8972-8973' w/ 3 spf.

Perforated the Upper Price River from 8434-8435', 8441-8442', 8477-8478', 8495-8496', 8515-8516', 8526-8527', 8552-8553', 8559-8560', 8586-8587', 8592-8593', 8647-8648' & 8653-8654' w/ 3 spf.

Perforated the Upper Price River from 8223-8224', 8231-8232', 8241-8242', 8260-8261', 8265-8266', 8275-8276', 8286-8287', 8317-8318', 8354-8355', 8361-8362', 8370-8371' & 8381-8382' w/ 3 spf.

Perforated the Upper Price River from 7947-7948', 7966-7967', 7979-7980', 7994-7995', 8023-8024', 8040-8041', 8049-8050', 8067-8068', 8078-8079', 8092-8093', 8101-8102' & 8132-8133' w/ 3 spf.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

THE STATE OF THE PROPERTY OF T

Well name and	number: WHF	107-34				
API number:						
Well Location:	QQ <u>SESW</u> Sec	tion <u>34</u> Tov	vnship <u>10S</u> Range <u>19E</u>	County	UINTAH	
Well operator:	EOG		·			
Address:	1060 E HWY 4	0				
	city VERNAL	st	ate UT zip 84078	Phone	: (435) 781-9111	
Drilling contrac	tor: BILLJR RA	THOLE DRILL	ING			
Address:	384 E 2500 S					
	city VERNAL	s	ate UT zip 84078	Phone	e: (435) 789-4729	
Water encount	ered (attach ad					
Г	DEP'	ТН	VOLUME		QUALITY	
	FROM	то	(FLOW RATE OR HEAD	D)	(FRESH OR SALTY)	
	2,415	2,417	NO FLOW		NOT KNOWN	
-						
}						
-						
•						
L				-	<u></u>	
Formation tops	s: 1		2		3	
(Top to Bottom	4		5		6	
	7		8	·	9	
	10		*1		12	
			ncountered, please attach		ne report to this form.	
	Many A. May				atory Assistant	
NAME (PLEASE PRI	INT) IVIALY A. IVIA		т	ITLE		

(5/2000)

Form 3160-5 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FOR	M A	PPRC	VED
OME	NO.	. 1004	-0135
Exnir	es: Ii	ılv 31	. 2010

DI	BUREAU OF LAND MANAGEMENT								
SUNDRY	5. Lease Serial No. UTU49523								
Do not use thi abandoned wel	Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.								
SUBMIT IN TRII	PLICATE - Other instruc	tions on rev	erse side.		7. If Unit or CA/Agreement, Name and/or No.				
1. Type of Well					8. Well Name and No. WILD HORSE FEI	DERAL 107-34			
Oil Well Gas Well Oth 2. Name of Operator		MARY A. MA	ESTAS	<u>-</u>	9. API Well No.				
EOG RESOURCES, INC.	E-Mail: mary_maes			.	43-047-37681				
3a. Address 600 17TH ST., SUITE 1000N DENVER, CO 80202		3b. Phone No Ph: 303-82 Fx: 303-824			10. Field and Pool, or NATURAL BUT	Exploratory FES/WASATCH/M	/V		
4. Location of Well (Footage, Sec., T.	, R., M., or Survey Description)			-	11. County or Parish, a	and State			
Sec 34 T10S R19E SESW 829 39.89860 N Lat, 109.76994 W	FSL 2152FWL Lon				UINTAH COUN	ΓΥ, UT			
12. CHECK APPR	ROPRIATE BOX(ES) TO	INDICATE	NATURE OF N	IOTICE, RI	EPORT, OR OTHER	R DATA			
TYPE OF SUBMISSION			TYPE OF	ACTION					
	☐ Acidize	☐ Dee	☐ Deepen ☐		ion (Start/Resume)	■ Water Shut-Of	ff		
☐ Notice of Intent	☐ Alter Casing	☐ Frac	☐ Fracture Treat		ation	■ Well Integrity			
■ Subsequent Report	☐ Casing Repair	☐ Nev	Construction	□ Recomp	olete	Other			
☐ Final Abandonment Notice	☐ Change Plans		and Abandon	☐ Tempor	orarily Abandon				
	☐ Convert to Injection	☐ Plug	g Back	☐ Water I	-				
Attach the Bond under which the wor following completion of the involved testing has been completed. Final Abdetermined that the site is ready for fine EOG Resources, Inc. continue in the Wasatch and Mesaverd 1. Perforated the North Horn francture stimulated with 51,44 2. Perforated the North Horn francture stimulated with 48,54 Fracture stimulated with 48,54	If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleted in new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.) EOG Resources, Inc. continued completion on the referenced well as follows, commingling production in the Wasatch and Mesaverde formations: 1. Perforated the North Horn from 7585-7586', 7596-7597', 7673-7674', 7694-7695', 7743-7744', 7788-7789', 7801-7802', 7817-7818', 7823-7824', 7840-7841', 7860-7861' & 7866-7867' w/ 3 spf. Fracture stimulated with 51,447 gals gelled water & 111,600# 20/40 sand. 2. Perforated the North Horn from 7272-7273', 7281-7282', 7288-7289', 7319-7320', 7330-7331', 7342-7343', 7383-7384', 7410-7411', 7443-7444', 7463-7464', 7480-7481' & 7486-7487' w/ 3 spf. Fracture stimulated with 48,549 gals gelled water & 111,400# 20/40 sand. 3. Perforated the North Horn from 7026-7027', 7040-7041', 7049-7050', 7077-7078', 7088-7089',								
14. I hereby certify that the foregoing is true and correct. Electronic Submission #56444 verified by the BLM Well Information System For EOG RESOURCES, INC., sent to the Vernal Name(Printed/Typed) MARY A. MAESTAS Title REGULATORY ASSISTANT									
Signature (Centry onice)	abmission (Date 09/20/2	007					
	THIS SPACE FO	R FEDERA	AL OR STATE	OFFICE U	SE				
Approved By			Title			Date			
Conditions of approval, if any, are attache certify that the applicant holds legal or equivalent would entitle the applicant to conduct the conductive that the conductive	uitable title to those rights in the	not warrant or subject lease	Office						

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED RECEIVED

Additional data for EC transaction #56444 that would not fit on the form

32. Additional remarks, continued

7096-7097', 7119-7120', 7136-7138', 7165-7166', 7171-7172' & 7180-7181' w/ 3 spf. Fracture stimulated with 50,565 gals gelled water & 119,600# 20/40 sand.

- 4. Perforated the North Horn from 6738-6739', 6746-6747', 6757-6758', 6773-6774', 6783-6784', 6801-6802', 6830-6831', 6861-6862', 6873-6874', 6890-6891', 6912-6913' & 6922-6923' w/ 3 spf. Fracture stimulated with ??? gals gelled water & 128,800#20/40 sand.
- 5. Perforated the North Horn/Buck Canyon from 6371-6372', 6391-6392', 6419-6420', 6446-6447', 6464-6465', 6477-6478', 6514-6515', 6557-6558', 6567-6568', 6592-6593', 6624-6625', 6650-6651' & 6665-6666' w/ 2 spf. Fracture stimulated with 50,691 gals gelled water & 119,400# 20/40 sand.
- 6. Perforated the Buck Canyon from 5960-5961', 5968-5969', 5996-5997', 6038-6040', 6065-6066', 6080-6081', 6150-6151', 6155-6156', 6161-6162' & 6172-6174' w/ 3 spf. Fracture stimulated with 48,720 gals gelled water & 118,400# 20/40 sand.

See attached sheet.

- 7. Perforated the Chapita Wells from 5475-5480', 5484-5485', 5490-5492', 5506-5507', 5519-5520' & 5535-5537' w/ 3 spf. Fracture stimulated with 25,032 gals gelled water & 51,400# 20/40 sand.
- 8. Perforated the Chapita Wells from 5188-5189', 5195-5203' & 5211-5212' w/ 3 spf. Fracture stimulated with 25,452 gals gelled water & 53,500# 20/40 sand.
- 9. Perforated the Chapita Wells from 5054-5055', 5063-5064', 5086-5087', 5092-5093', 5125-5130', 5140-5141' & 5144-5146' w/ 3 spf. Fracture stimulated with 34,400 gals gelled water & 75,600# 20/40 sand.

Returned well to sales on 8/23/2007, commingling production from the Wasatch and Mesaverde formations.

Form 3160-5 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FURM APPROV	ED
OMB NO. 1004-0	0135
Expires: July 31,	2010

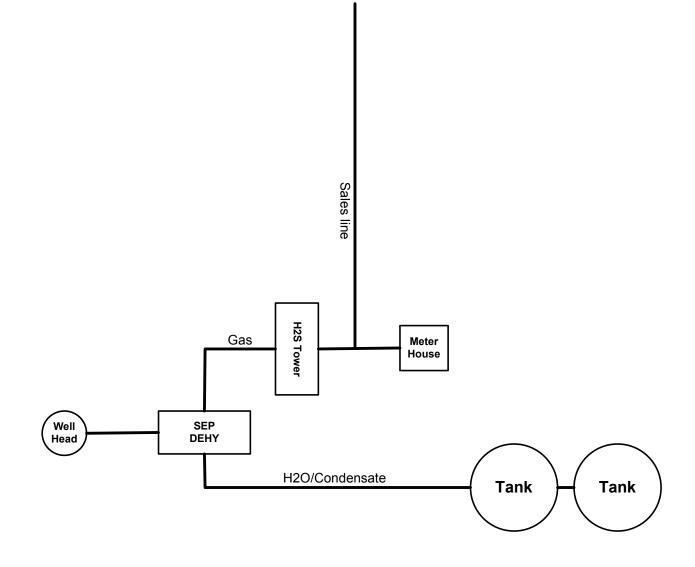
SUNDRY NOTICES AND REPORTS ON WELLS

UTU49523

De met use th	l l	6. If Indian, Allottee or Tribe Name							
Do not use th abandoned we									
SUBMIT IN TRI	SUBMIT IN TRIPLICATE - Other instructions on reverse side.								
Type of Well Oil Well	her		8. Well Name and No. WILD HORSE FEDERAL 107-34						
2. Name of Operator EOG RESOURCES, INC.	Contact: N	ARY A. MAESTAS as@eogresources.com		9. API Well No. 43-047-37681					
3a. Address 600 17TH STREET SUITE 10		3b. Phone No. (include area code Ph: 303-824-5526)	10. Field and Pool, or I NATURAL BUT	Exploratory FES/WASATCH/MV				
DENVER, CO 80202 4. Location of Well (Footage, Sec., 7	T., R., M., or Survey Description)			11. County or Parish, a	and State				
Sec 34 T10S R19E SESW 82 39.89860 N Lat, 109.76994 W				UINTAH COUN	ry, ut				
12. CHECK APPI	ROPRIATE BOX(ES) TO	INDICATE NATURE OF	NOTICE, REF	PORT, OR OTHER	R DATA				
TYPE OF SUBMISSION		ТҮРЕ О	F ACTION						
☐ Notice of Intent	☐ Acidize	Deepen	□ Productio	n (Start/Resume)	■ Water Shut-Off				
_	☐ Alter Casing	☐ Fracture Treat	☐ Reclamati		☐ Well Integrity				
Subsequent Report	☐ Casing Repair	■ New Construction	□ Recomple		Other				
☐ Final Abandonment Notice	☐ Change Plans	☐ Plug and Abandon	-	☐ Temporarily Abandon					
13. Describe Proposed or Completed Op-	☐ Convert to Injection	☐ Plug Back	■ Water Dis						
testing has been completed. Final Aldermined that the site is ready for f	inal inspection.)		ing reciamation,	nave been completed, a	in the operator has				
14. I hereby certify that the foregoing is	Electronic Submission #5	8266 verified by the BLM Wel SOURCES, INC., sent to the		ystem					
Name(Printed/Typed) MARY A.	MAESTAS	Title REGUL	ATORY ASSI	STANT					
Signature \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	ubmissipm Q	Date 01/24/2	2008						
	THIS SPACE FOR	R FEDERAL OR STATE	OFFICE USI						
Approved By		Title			Date				
Conditions of approval, if any, are attache certify that the applicant holds legal or equivalent would entitle the applicant to conductive the applicant to conduct the applicant to conduct the applicant	uitable title to those rights in the s	ot warrant or							
Title 18 U.S.C. Section 1001 and Title 43 States any false, fictitious or fraudulent s	U.S.C. Section 1212, make it a cr statements or representations as to	ime for any person knowingly and any matter within its jurisdiction	l willfully to make	to any department or a	agency of the United				

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

Do not use this form for proposition bottom-hole depth, reenter plu DRILL form for such proposals. 1. TYPE OF WELL Gas Well 2. NAME OF OPERATOR: EOG Resources, Inc. 3. ADDRESS OF OPERATOR: 600 17th Street, Suite 1000 N	5.LEASE DESIGNATION AND SERIAL NUMBER: U-49523 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7.UNIT OF CA AGREEMENT NAME: 8. WELL NAME and NUMBER: WH FED 107-34 9. API NUMBER: 43047376810000 9. FIELD and POOL OF WILDCAT: NATURAL BUTTES						
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0825 FSL 2152 FWL QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: SESW Section: 34	COUNTY: UINTAH STATE: UTAH OR OTHER DATA						
TYPE OF SUBMISSION		TYPE OF ACTION	20.00.20.20.00				
NOTICE OF INTENT Approximate date work will start: 4/6/2011 SUBSEQUENT REPORT Date of Work Completion: SPUD REPORT Date of Spud: DRILLING REPORT Report Date:			CASING REPAIR CHANGE WELL NAME CONVERT WELL TYPE NEW CONSTRUCTION PLUG BACK RECOMPLETE DIFFERENT FORMATION TEMPORARY ABANDON WATER DISPOSAL APD EXTENSION OTHER: Install H2S treater				
Report Date:							
SIGNATURE N/A	303 824-5526	DATE 3/16/2011					



Division of Oil, Gas and Mining OPERATOR CHANGE WORKSHEET (for state use only)

ROUTING
CDW

The operator of the well(s) listed below has changed, effective: 10/1/2011	10/1/2011				
FROM: (Old Operator): N9550-EOG Resources, Inc. 1060 E Highway 40 Vernal, UT 84078 TO: (New Operator): N3755-Koch Exploration Company, LLC. 9777 Pyramid Court, Suite 210 Englewood, CO 80112	TO: (New Operator): N3755-Koch Exploration Company, LLC. 9777 Pyramid Court, Suite 210				
Phone: 1 (435) 781-9145 Phone: 1 (303) 325-2561					
CA No. Unit:					
WELL NAME SEC TWN RNG API NO ENTITY LEASE TYPE WELL WEI NO TYPE STA					
SEE ATTACHED LIST - 28 WELLS					
OPERATOR CHANGES DOCUMENTATION Enter date after each listed item is completed 1. (R649-8-10) Sundry or legal documentation was received from the FORMER operator on: 2. (R649-8-10) Sundry or legal documentation was received from the NEW operator on: 11/9/2011					
2. (10) o To) outling of together than the formation of	9/2011				
4a. Is the new operator registered in the State of Utah: 5a. (R649-9-2)Waste Management Plan has been received on: 5b. Inspections of LA PA state/fee well sites complete on: 5c. Reports current for Production/Disposition & Sundries on: Business Number: 5078823-0161 Requested 12/19/2011 51. Inspections of LA PA state/fee well sites complete on: 52. Reports current for Production/Disposition & Sundries on: 53. Ok					
6. Federal and Indian Lease Wells: The BLM and or the BIA has approved the merger, name change,					
or operator change for all wells listed on Federal or Indian leases on: BLM 11/2/2011 BIA					
7. Federal and Indian Units:					
The BLM or BIA has approved the successor of unit operator for wells listed on: $\frac{10/24/2011}{}$					
8. Federal and Indian Communization Agreements ("CA"):					
The BLM or BIA has approved the operator for all wells listed within a CA on: 9. Underground Injection Control ("UIC") Division has approved UIC Form 5 Transfer of Authority to					
Inject, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: n/a					
DATA ENTRY:					
1. Changes entered in the Oil and Gas Database on: 12/19/2011 2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 12/19/2011					
3. Bond information entered in RBDMS on: n/a 4. Fee/State wells attached to bond in RBDMS on: n/a					
5. Injection Projects to new operator in RBDMS on: n/a					
6. Receipt of Acceptance of Drilling Procedures for APD/New on:					
BOND VERIFICATION:					
1. Federal well(s) covered by Bond Number: COB000296					
2. Indian well(s) covered by Bond Number: n/a					
3a. (R649-3-1) The NEW operator of any state/fee well(s) listed covered by Bond Number n/a					
3b. The FORMER operator has requested a release of liability from their bond on: n/a					
A DA CE ANTENDECE ONALED MOTHER ATTOM					
LEASE INTEREST OWNER NOTIFICATION:					
4. (R649-2-10) The NEW operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on:					
of their responsibility to notify all interest owners of this change on: n/a COMMENTS: Five undrilled APDs are not being transferred at this time and may be rescinded in the future.					

Form 3160-5 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPRO	VED
OMB No. 1004-	-0137
Evnires: July 31	201

Γ.	5.	L	ea	Sŧ	. 3	Sei	ria	ıl	No es	١.
ı	M	u	tii	oli	8	Le	a	s	es	

6. If Indian, Allottee or Tribe Name

	SUNDRY NOTICES AND REPORTS ON WELLS
	Do not use this form for proposals to drill or to re-enter an
a	bandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMI	T IN TRIPLICATE - Other	r instructions on page 2.		CA/Agreement, Name and/or No.
Type of Well			Natural Butte	0 8
Oil Well Gas V	Vell Other		8. Well Name Multiple Wel	ls
Name of Operator OG Resources, Inc	N9550		9. API Well N See Attache	lo. C
. Address		3b. Phone No. (include area c	ode) 10. Field and 1	Pool or Exploratory Area
60 EAST HIGHWAY 40, VERNAL, UT 84078		435-781-9145	Natural Butte	35
Location of Well (Footage, Sec., T.,	R., M., or Survey Description)	11. Country of	
			Uintah, Utah	
12. CHEC	K THE APPROPRIATE BO	X(ES) TO INDICATE NATUR	E OF NOTICE, REPORT O	R OTHER DATA
TYPE OF SUBMISSION		Т	PE OF ACTION	
✓ Notice of Intent	Acidize	Deepen Deepen	Production (Start/Res	sume)
	Alter Casing	Fracture Treat	Reclamation	Well Integrity
Subsequent Report	Casing Repair	New Construction	Recomplete	Other Change of Operator
	Change Plans	Plug and Abandon	Temporarily Abandon	1
Final Abandonment Notice	Convert to Injection	Plug Back	Water Disposal	
determined that the site is ready for G Resources, Inc. has assigned a npany, LLC and will relinquish an of October 1, 2011, Koch Explora	Abandonment Notices must be final inspection.) all of its right, title and integed transfer operatorship of the operatorship of the company, LLC will be	the filed only after all requirement orest in the wells described in all of the Subject Wells to Ko e considered to be the operat	ts, including reclamation, ha the attached list (the "Sub ich Exploration Company, or of each of the Subject \	LLC on October 1, 2011. Wells and will be responsible under the
determined that the site is ready for G Resources, Inc. has assigned a mpany, LLC and will relinquish an of October 1, 2011, Koch Explorans and conditions of the applicable in pany, LLC's Nationwide BLM Boch EXPLORATION COMPANA	Abandonment Notices must be final inspection.) all of its right, title and intended transfer operatorship of tition Company, LLC will be be lease for the operations and No. COB 200296.	rest in the wells described in all of the Subject Wells to Ko e considered to be the operate conducted upon the leased in	ts, including reclamation, ha the attached list (the "Sub ich Exploration Company, or of each of the Subject \	ve been completed and the operator has iject Wells") to Koch Exploration LLC on October 1, 2011. Wells and will be responsible under the provided under Koch Exploration
determined that the site is ready for G Resources, Inc. has assigned a mpany, LLC and will relinquish an of October 1, 2011, Koch Explorans and conditions of the applicabin pany, LLC's Nationwide BLM Boch EXPLORATION COMPANY,	Abandonment Notices must be final inspection.) all of its right, title and intend transfer operatorship of tion Company, LLC will be lease for the operations and No. COB000296.	rest in the wells described in all of the Subject Wells to Ko e considered to be the operate conducted upon the leased in	ts, including reclamation, ha the attached list (the "Sub ich Exploration Company, or of each of the Subject \	ve been completed and the operator has ject Wells") to Koch Exploration LLC on October 1, 2011. Wells and will be responsible under the
determined that the site is ready for G Resources, Inc. has assigned a mpany, LLC and will relinquish an of October 1, 2011, Koch Explorans and conditions of the applicable in pany, LLC's Nationwide BLM BCH EXPLORATION COMPANY, Brian J. Kissick Vice President	Abandonment Notices must be final inspection.) all of its right, title and intended transfer operatorship of tion Company, LLC will be lease for the operations and No. COB000296. LLC N 37 Date: September 1, 2011	rest in the wells described in all of the Subject Wells to Ko e considered to be the operate conducted upon the leased in	ts, including reclamation, ha the attached list (the "Sub ich Exploration Company, or of each of the Subject \	ve been completed and the operator has iject Wells") to Koch Exploration LLC on October 1, 2011. Wells and will be responsible under the provided under Koch Exploration
determined that the site is ready for G Resources, Inc. has assigned a mpany, LLC and will relinquish an of October 1, 2011, Koch Explorans and conditions of the applicable mpany, LLC's Nationwide BLM Boch EXPLORATION COMPANY, Brian J. Kissick Vice President Uress: 9777 Pyramid Court, Suite Englewood, Colorado 801	Abandonment Notices must be final inspection.) all of its right, title and intended transfer operatorship of tion Company, LLC will be lease for the operations and No. COB000296. LLC N 37 Date: September 1, 2011	rest in the wells described in all of the Subject Wells to Ko e considered to be the operate conducted upon the leased in	ts, including reclamation, ha the attached list (the "Sub ich Exploration Company, or of each of the Subject \ ands. Bond coverage is p	ye been completed and the operator has bject Wells") to Koch Exploration LLC on October 1, 2011. Wells and will be responsible under the provided under Koch Exploration
determined that the site is ready for G Resources, Inc. has assigned a mpany, LLC and will relinquish an of October 1, 2011, Koch Explorans and conditions of the applicabin mpany, LLC's Nationwide BLM Boch Exploration CH EXPLORATION COMPANY, Brian J. Kissick Vice President dress: 9777 Pyramid Court, Suite Englewood, Colorado 801 aphone Number: (303) 325-2561 Thereby certify that the foregoing is tru Name (Printed/Typed)	Abandonment Notices must be final inspection.) all of its right, title and intend transfer operatorship of tion Company, LLC will be lease for the operations and No. COB000296. LLC N 37 Date: September 1, 2011	rest in the wells described in all of the Subject Wells to Ko	ts, including reclamation, ha the attached list (the "Sub ich Exploration Company, or of each of the Subject \ ands. Bond coverage is p	ve been completed and the operator has specificated with the completed and the operator has specificated with the complete specification. Wells and will be responsible under the provided under Koch Exploration. RECEIVED NOV 0 9 2011
determined that the site is ready for G Resources, Inc. has assigned a mpany, LLC and will relinquish an of October 1, 2011, Koch Explorans and conditions of the applicable mpany, LLC's Nationwide BLM Boch Exploration of the Exploration of the Applicable of the Exploration of the Ex	Abandonment Notices must be final inspection.) all of its right, title and intend transfer operatorship of tion Company, LLC will be lease for the operations and No. COB000296. LLC N 37 Date: September 1, 2011	rest in the wells described in all of the Subject Wells to Ko	ts, including reclamation, ha the attached list (the "Sub ich Exploration Company, or of each of the Subject \ ands. Bond coverage is p	ve been completed and the operator has specificated with the completed and the operator has specificated with the complete specification. Wells and will be responsible under the provided under Koch Exploration. RECEIVED NOV 0 9 2011
determined that the site is ready for PG Resources, Inc. has assigned a Impany, LLC and will relinquish an of October 1, 2011, Koch Explorates and conditions of the applicable impany, LLC's Nationwide BLM Both CH EXPLORATION COMPANY, Brian J. Kissick Vice President dress: 9777 Pyramid Court, Suite Englewood, Colorado 801 Pephone Number: (303) 325-2561 I hereby certify that the foregoing is tru Name (Printed/Typed)	Abandonment Notices must be final inspection.) all of its right, title and intended transfer operatorship of tition Company, LLC will be lee lease for the operations and No. COB000296. LLD N 37 Date: September 1, 2011	rest in the wells described in all of the Subject Wells to Kore considered to be the operate conducted upon the leased in the Agent at Date 09/01/20	ts, including reclamation, ha the attached list (the "Sub tch Exploration Company, or of each of the Subject \ ands. Bond coverage is p	ve been completed and the operator has specificated with the completed and the operator has specificated with the complete specification. Wells and will be responsible under the provided under Koch Exploration. RECEIVED NOV 0 9 2011
determined that the site is ready for DG Resources, Inc. has assigned a impany, LLC and will relinquish an of October 1, 2011, Koch Explorations and conditions of the applicable impany, LLC's Nationwide BLM Both CH EXPLORATION COMPANY, Brian J. Kissick Vice President dress: 9777 Pyramid Court, Suite Englewood, Colorado 801 ephone Number: (303) 325-2561 I hereby certify that the foregoing is true Name (Printed/Typed) dichael Schween	Abandonment Notices must be final inspection.) all of its right, title and intended transfer operatorship of tition Company, LLC will be lee lease for the operations and No. COB000296. LLD N 37 Date: September 1, 2011	rest in the wells described in all of the Subject Wells to Ko e considered to be the operate conducted upon the leased in the Subject Wells to Ko e Title Agent ar	ts, including reclamation, ha the attached list (the "Sub tch Exploration Company, or of each of the Subject \ ands. Bond coverage is p and Attorney-in-Fact	ve been completed and the operator has been completed and the operator has been completed and the operator has been completed and the operator of the operator
determined that the site is ready for DG Resources, Inc. has assigned a mpany, LLC and will relinquish an of October 1, 2011, Koch Explorams and conditions of the applicabl mpany, LLC's Nationwide BLM Both CH EXPLORATION COMPANY, Brian J. Kissick Vice President dress: 9777 Pyramid Court, Suite Englewood, Colorado 801 ephone Number: (303) 325-2561 I hereby certify that the foregoing is trunkame (Printed/Typed) Michael Schween	Abandonment Notices must be final inspection.) all of its right, title and intended transfer operatorship of tition Company, LLC will be lee lease for the operations and No. COB000296. LLD N 37 Date: September 1, 2011	rest in the wells described in all of the Subject Wells to Kore considered to be the operate conducted upon the leased in the Agent at Date 09/01/20	ts, including reclamation, ha the attached list (the "Sub tch Exploration Company, or of each of the Subject \ ands. Bond coverage is p and Attorney-in-Fact	ve been completed and the operator has been completed and the operator has been completed and the operator has been completed and the operator of the operator
determined that the site is ready for DG Resources, Inc. has assigned a mpany, LLC and will relinquish an of October 1, 2011, Koch Explorams and conditions of the applicabl mpany, LLC's Nationwide BLM Both CH EXPLORATION COMPANY, Brian J. Kissick Vice President dress: 9777 Pyramid Court, Suite Englewood, Colorado 801 ephone Number: (303) 325-2561 I hereby certify that the foregoing is trunkame (Printed/Typed) Michael Schween	Abandonment Notices must be final inspection.) all of its right, title and intend transfer operatorship of tition Company, LLC will be lease for the operations and No. COB000296. LLC N 37 Date: September 1, 2011	rest in the wells described in all of the Subject Wells to Kore considered to be the operate conducted upon the leased of the Agent at Date 09/01/20	ts, including reclamation, ha the attached list (the "Sub tch Exploration Company, or of each of the Subject \ ands. Bond coverage is p and Attorney-in-Fact	ve been completed and the operator has spect Wells") to Koch Exploration LLC on October 1, 2011. Wells and will be responsible under the provided under Koch Exploration RECEIVED NOV 0 2 2011 NOV 0 ROS & MINING

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

M

Change of Operator from EOG Resources, Inc (N9555) to Koch Exploration Company, LLC (N3755)

34	100S	190E	4304730223	10			S
26	100S	190E	4304731779	10715	Federal		P
26	100S	190E	4304731882	11051	Federal	GW	P
35	100S	190E	4304731901	11254	Federal	GW	P
26	100S	190E	4304732377	11439	Federal	GW	_ P
35	100S	190E	4304732389	11444	Federal	GW	P
34	100S	190E	4304733419	12689	Federal	GW	S
35	100S	190E	4304733420	12688	Federal	GW	P
35	100S	190E	4304735038	14118	Federal		S
34	100S	190E	4304735044	14404			P
35	100S	1 90 E	4304735053	14426	Federal	GW	P
35	100S	190E	4304735066	14403			P
35	100S	190E	4304735067	14405	Federal	GW	P
34	100S	190E	4304736744	15224	Federal	GW	P
34	100S	190E	4304736745	15602	Federal	ļ	S
34	100S	190E	4304736746	15616	Federal		P
35	100S	190E	4304736747	15252	Federal	GW	P
35	100S	190E	4304736748	15613	Federal	GW	S
35	100S	190E	4304736749	15221	Federal	GW	P
35	100S	190E	4304736750	15222	Federal	GW	S
35	100S	190E	4304736751	15251	Federal	GW	P
34	100S	190E	4304737668	16115	Federal	GW	P
35	100S	190E	4304737669	16081	Federal	GW	P
34	100S	190E	4304737681	15958	Federal	GW	P
35	100S	190E	4304737682	16001	Federal		P
35	100S	190E	4304737683	16047	Federal	GW	P
34	100S	190E	4304739436	16900	Federal		P
35	100S	190E	4304739437	16960	Federal	GW	P
	26 26 35 26 35 34 35 35 34 34 35 35 35 35 35 35 35 35 35 35	26 100S 26 100S 35 100S 35 100S 34 100S 35 100S 34 100S 35 100S 35 100S 34 100S 34 100S 35 10OS 35 10OS	26 100S 190E 26 100S 190E 35 100S 190E 35 100S 190E 34 100S 190E 35 100S 190E 34 100S 190E 35 100S 190E 35 100S 190E 35 100S 190E 34 100S 190E 34 100S 190E 35 100S 190E 34 100S 190E 35 100S 190E 35	26 100S 190E 4304731779 26 100S 190E 4304731882 35 100S 190E 4304731901 26 100S 190E 4304732377 35 100S 190E 4304732389 34 100S 190E 4304733419 35 100S 190E 4304733420 35 100S 190E 4304735038 34 100S 190E 4304735044 35 100S 190E 4304735044 35 100S 190E 4304735066 35 100S 190E 4304735067 34 100S 190E 4304736744 34 100S 190E 4304736745 35 100S 190E 4304736746 35 100S 190E 4304736748 35 100S 190E 4304736750 35 100S 190E 4304736781 34 100S<	26 100S 190E 4304731779 10715 26 100S 190E 4304731882 11051 35 100S 190E 4304731901 11254 26 100S 190E 4304732377 11439 35 100S 190E 4304732389 11444 34 100S 190E 4304733419 12689 35 100S 190E 4304733419 12689 35 100S 190E 4304733420 12688 35 100S 190E 4304735038 14118 34 100S 190E 4304735044 14404 35 100S 190E 4304735066 14403 35 100S 190E 4304735067 14405 34 100S 190E 4304736744 15224 34 100S 190E 4304736745 15602 35 100S 190E 4304736746 15616 35	26 100S 190E 4304731779 10715 Federal 26 100S 190E 4304731882 11051 Federal 35 100S 190E 4304731901 11254 Federal 26 100S 190E 4304732377 11439 Federal 35 100S 190E 4304732389 11444 Federal 34 100S 190E 4304733419 12689 Federal 35 100S 190E 4304733420 12688 Federal 35 100S 190E 4304735038 14118 Federal 35 100S 190E 4304735044 14404 Federal 35 100S 190E 4304735053 14426 Federal 35 100S 190E 4304735067 14405 Federal 35 100S 190E 4304736744 15224 Federal 34 100S 190E 4304736745 15602	26 100S 190E 4304731779 10715 Federal GW 26 100S 190E 4304731882 11051 Federal GW 35 100S 190E 4304731901 11254 Federal GW 26 100S 190E 4304732377 11439 Federal GW 35 100S 190E 4304732389 11444 Federal GW 34 100S 190E 4304733420 12688 Federal GW 35 100S 190E 4304735038 14118 Federal GW 35 100S 190E 4304735038 14118 Federal GW 35 100S 190E 4304735044 14404 Federal GW 35 100S 190E 4304735067 14405 Federal GW 35 100S 190E 4304736744 15224 Federal GW 34 100S 190E

Form 3160-5 (August 2007)

UNITED STATES

DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT SEP 2 2 2011

FORM APPROVED OMB No. 1004-0137

Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enternan abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No. Multiple Leases 6. If Indian, Allottee or Tribe Name

availuoileu well.	Ose r orm 3100-3 (F	ו ושוש של ושו	<i>э</i> горөз а гэ.∞ •		
	T IN TRIPLICATE – Other	r instructions on pa	ge 2.	7. If Unit of CA/A	Agreement, Name and/or No.
1. Type of Well Oil Well Gas W	/ell			8. Well Name and Multiple Wells	d No.
2. Name of Operator EOG Resources, Inc				9. API Well No. See Attached	
3a. Address		3b. Phone No. (inc.	lude area code)		ol or Exploratory Area
1060 EAST HIGHWAY 40, VERNAL, UT 84078		435-781-9145	auc ui ou coucy	Natural Buttes	Tot Exploratory Table
4. Location of Well (Footage, Sec., T.,, See Attached	R., M., or Survey Description	, dr		11. Country or Pa Uintah, Utah	rish, State
12. CHEC	K THE APPROPRIATE BO	OX(ES) TO INDICA	ΓE NATURE OF N	OTICE, REPORT OR	OTHER DATA
TYPE OF SUBMISSION			TYPE OF	ACTION	
✓ Notice of Intent	Acidize	Deepen		Production (Start/Resum	· · · · · · · · · · · · · · · · · · ·
į	Alter Casing	Fracture T		Reclamation	Well Integrity Other Change of Operator
Subsequent Report	Casing Repair	☐ New Cons		Recomplete	Otner Change of Specules
Final Abandonment Notice	Change Plans Convert to Injection	Plug and A	_	Temporarily Abandon Water Disposal	
testing has been completed. Final Adetermined that the site is ready for EOG Resources, Inc. has assigned a Company, LLC and will relinquish an As of October 1, 2011, Koch Exploraterms and conditions of the applicab Company, LLC's Nationwide BLM BOKOCH EXPLORATION COMPANY	final inspection.) all of its right, title and intend transfer operatorship of ation Company, LLC will be lease for the operations and No. COB000296.	erest in the wells de f all of the Subject \ ne considered to be	scribed in the atta Vells to Koch Exp the operator of ea	ached list (the "Subject loration Company, LL ach of the Subject We	C on October 1, 2011.
Brian J. Kissick Vice President Address: 9777 Pyramid Court, Suite		1			RECEIVED NOV 0 4 2011
Englewood, Colorado 801	/ /				
Telephone Number: (303) 325-2561	/ /				DIV. OF OIL, GAS & MINING
14. I hereby certify that the foregoine is tru Name (<i>Printed/Typed</i>) J. Michael Schween	ue and correct	Title	Agent and Attor		
Signature	1	M Date	09/01/2011		
	THIS SPACE	FOR FÉDERAI	OR STATE	OFFICE USE	
Approved by				ield Manager eral Resources	NOV 0 2 2011
Conditions of surface attached, hat the applicant holds lead or equivable tit ntitle the applicant to conduct operations the	le to those rights in the subjec	not warrant or certify tt lease which would	Office VE	RNAL FIELD C	FFICE

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on pa

# VADI	Well Name	Lease #	Unit Name	Unit #	Legal Description
4304730223	HOME FEDERAL 1-34	UTU3405	N/A	N/A	10S-19E-34-NENE
4304731722	OSCU II 1-27	UTU49518	North Alger	UTU063094X	10S-19E-27-SENE
4304731898	OSCU II 2-27	UTU49518	North Alger	UTU063094X	10S-19E-27-NWSE
4304733463	OSCU II 108-27	UTU49518	North Alger	UTU063094X	10S-19E-27-NENE
4304736269	OSCU II 109-27	UTU49518	North Alger	UTU063094X	10S-19E-27-SWSE
4304737680	OSCU II 116-27	UTU49518	North Alger	UTU063094X	10S-19E-27-NESE
4304737678	OSCU II 122-27	UTU49518	North Alger	UTU063094X	10S-19E-27-NWNE
4304736743	OSCU II 123-27	UTU49518	North Alger	UTU063094X	10S-19E-27-SWNE
4304737679	OSCU II 124-27	UTU49518	North Alger	. UTU063094X	10S-19E-27-SESE
4304738902	OSCU II 125-34	UTU49523	North Alger	UTU063094X	10S-19E-34-NENW
4304738901	OSCU II 126-34	UTU49523	North Alger	UTU063094X	10S-19E-34-NESW
4304735066	WHB 3-35E	UTU3405	N/A	N/A	10S-19E-35-NENW
4304735044	WHB 8-34E	UTU3405	N/A	N/A	10S-19E-34-SENE
4304735038	WHB 8-35E	UTU3405	N/A	N/A	10S-19E-35-SENE
4304735067	WHB 9-35E	UTU3405	N/A	N/A	10S-19E-35-NESE
4304735053	WHB 11-35E	UTU3405	N/A	N/A	10S-19E-35-NESW
4304731901	WILD HORSE FED 2-35	UTU3405	N/A	N/A	10S-19E-35-NWNW
4304732389	WILD HORSE FED 3-35	UTU3405	N/A	N/A	10S-19E-35-NWSW
4304733419	WILD HORSE FED 105-34	UTU3405	N/A	N/A	10S-19E-34-NWNE
4304733420	WILD HORSE FED 106-35	UTU3405	N/A	N/A	10S-19E-35-SENW
4304737681	WILD HORSE FED 107-34	UTU49523	N/A	N/A	10S-19E-34-SESW
4304737668	WILD HORSE FED 108-34	UTU3405	N/A	N/A	10S-19E-34-SESE
4304736747	WILD HORSE FED 109-35	UTU3405	N/A	N/A	10S-19E-35-SWSW
4304737669	WILD HORSE FED 110-35	UTU3405	N/A	N/A	10S-19E-35-SWSE
4304737682	WILD HORSE FED 111-35	UTU3405	N/A	N/A	10S-19E-35-SESW
4304736748	WILD HORSE FED 112-35	UTU3405	N/A	N/A	10S-19E-35-SESE
4304736749	WILD HORSE FED 115-35	UTU3405	N/A	N/A	10S-19E-35-NWNE
4304736746	WILD HORSE FED 116-34	UTU3405	N/A	N/A	10S-19E-34-NESE
4304736751	WILD HORSE FED 117-35	UTU3405	N/A	N/A	10S-19E-35-SWNW
4304736750	WILD HORSE FED 118-35	UTU3405	N/A	N/A	10S-19E-35-SWNE
4304737683	WILD HORSE FED 119-35	UTU3405	N/A	A/A	10S-19E-35-NWSE
4304736744	WILD HORSE FED 120-34	UTU3405	N/A	N/A	10S-19E-34-SWNE
4304736745	WILD HORSE FED 121-34	UTU3405	N/A	N/A	10S-19E-34-SWSE
4304739436	WILD HORSE FED 122-34	UTU3405	N/A	N/A	10S-19E-34-NWSE
4304739437	4304739437 WILD HORSE FED 123-35	UTU3405	N/A	N/A	10S-19E-35-NENE

United States Department of the Interior



BUREAU OF LAND MANAGEMENT Green River District-Vernal Field Office 170 South 500 East Vernal, UT 84078 (435) 781-4400 Fax: (435) 781-4410 http://www.blm.gov/ut/st/en/fo/vernal.html



43-047-37681

IN REPLY REFER TO: 3162.3 (UTG011)

NOV 0 2 2011

Brian J. Kissick Koch Exploration Company, LLC 9777 Pyramid Court, Suite 210 Englewood, CO 80112

Re:

Change of Operator

Well No. Wild Horse Federal 107-34

SESW, Sec. 34, T10S, R19E

Uintah County, Utah Lease No. UTU-49523

Dear Mr. Kissick:

This correspondence is in regard to the self-certification statement submitted requesting a change of operator for the above referenced well. After a review by this office, the change of operator request is approved. Effective October 1, 2011, Koch Exploration Company, LLC is responsible for all operations performed on the referenced well. All liability will now fall under your bond, BLM Bond No. COB000296, for all operations conducted on the referenced well on the leased land.

If you have any questions regarding this matter, please contact Cindy Severson of this office at (435) 781-4455.

Sincerely,

/s/ Jerry Kenczka

Jerry Kenczka Assistant Field Manager Lands & Mineral Resources

Enclosure

CC:

UDOGM

EOG Resources. Inc.

bcc:

Well File

Reading File

RECEIVED NOV 0 4 2011

DIV. OF OIL, GAS & MINING

	STATE OF UTAH		FORM 9			
	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MININ		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-49523			
SUNDF	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:					
	oposals to drill new wells, significantly decreenter plugged wells, or to drill horizontantors or to be proposals.		7.UNIT or CA AGREEMENT NAME:			
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: WH FED 107-34			
2. NAME OF OPERATOR: KOCH EXPLORATION COMF	9. API NUMBER: 43047376810000					
3. ADDRESS OF OPERATOR: 9777 Pyramid Court Ste 21	9. FIELD and POOL or WILDCAT: NATURAL BUTTES					
4. LOCATION OF WELL FOOTAGES AT SURFACE:	COUNTY: UINTAH					
0825 FSL 2152 FWL QTR/QTR, SECTION, TOWNSI Qtr/Qtr: SESW Section: 3	STATE: UTAH					
11. CHEC	K APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPOR	₹T, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION					
	✓ ACIDIZE	ALTER CASING	CASING REPAIR			
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME			
Approximate date work will start.	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE			
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	☐ NEW CONSTRUCTION			
7/10/2014	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK			
SPUD REPORT	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION			
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON			
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL			
DRILLING REPORT						
Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION			
	☐ WILDCAT WELL DETERMINATION	OTHER	OTHER: WB Cleanout & biocide treatr			
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. 6/6/2014 - MIRU, attempt to pull tbg w/ no movement 6/9/2014 - RU w/l & tag @ 600'. Found wax & scale. Worked to 5000' w/ free point @ 4000'. Hot oil w/20 bbl condensate. Tag @ 5200'. 6/10/2014 - MIRU acid truck & let fall on vac w/24 bbl. Log through EOT @ 5978'. Found tbg stuck @ 5100'. Cut tbg @ 5610' & 2nd cut @ 4980'. POOH. 6/11/2014 - PU overshot & jar to 5057' 6/12/2014 - RI foam unit & clean out to 8735'. 6/13/2014 - Clean out w/foam to 9108' 6/16/2014 - Clean out w/foam to 9466'. Begin RIH w/tbg. 6/17/2014 - Finish RIH w/ tbg & circ hole clean. 6/18/2014 - Pump biocide & let sit. 7/8/2014 - Set tbg w/ EOT @ 5521' 7/9/2014 - Swab 7/10/2014 - Return well to production						
NAME (PLEASE PRINT) J. Darlene Tadlock	PHONE NUMBER 505 334-9111	TITLE E&P Technician				
SIGNATURE N/A		DATE 10/2/2014				

			KOCH EXP	LORATION C	U LLC DAILT	DRILLING RE	FUNI		
Well:	WHF 107-34				Date:	6-6-014		Drilled to:	
County/ST:	Uintah, UTAF				Days:	1		Drilled from: ()
Location:	Sec 34, T-10	S, R-19E			Rig:	Conquest Well S	ervice	Footage: ()
Elevation:		000000000000000000000000000000000000000			Supervisor:	Clark			
	•		BIT DA		1	ı		COST DATA (US	
Bit #	Size	Make	Type	Serial #	Jets	Cond		Daily	Cumulative
	12 1/4						Location		\$
							Rig move		\$
Bit #	In	Out	Feet	Hours	WOB	RPM	Rig	\$4,900	\$4,90
							Fuel		\$
							Camper		\$
	•		PUMP D		•		BOPE	\$250	\$25
Pump #	Make	Model	Liner	SPM	Rate	Pressure	Bits		\$
							Air Equip		\$
							Equip rental	\$250	\$25
							Mud		\$
				A0000000000000000000000000000000000000			Mud Logger		\$
			SURVEY	DATA	1		Trucking	\$1,200	\$1,20
Depth	Deviation	Direction	Depth	Deviation	Direction		Water	\$500	\$50
							Labor		\$
							Supervision		\$
							Core/DST		\$
			MUD DA	ATA			Logs		\$
Weight	Visc	YP	PV	Gels	WL	Cake	Cement		\$
							Fishing		\$
% Oil	% Water	% Solids	pН	Ca	CI	LCM	Misc	\$250	\$25
							Casing		\$
AIR	DATA-DRILL	ING		GAS DAT	A-DRILLING		Tubing		\$
Air Rate	Foam Rate	Foam Mix	Depth	Flare	Duration	Operation	Rods		\$
			·				Wellhead		\$
							TOTAL	\$7,350	\$7,35
				ı	uel Usage				
Rig EngType	Model	HP	Fuel Type		Pump Eng Type	Model	HP	Gallor	s Used
Detroit	Series 60	575	Diesel	10	Detroit	Series 50/Diesel	380		0
Dottoit			4.0	Pump Eng	0		10		
Dotroit	Total Gals	Rig Eng	10	Fullip Elig	0	Ttl Rig & Pump	10		
Donon	Total Gals	Rig Eng	10	***************************************	TRIBUTION	Ttl Rig & Pump	10		
Hours	Total Gals	Rig Eng	10	***************************************		·	10		
	Total Gals Crew travel fi		10	***************************************	TRIBUTION	·	10		
Hours	Crew travel fr	om Vernal.		TIME DIS	TRIBUTION			ng and tubing do	wn.
Hours 5:30-7:00	Crew travel fi	om Vernal.		TIME DIS	TRIBUTION Operation			ng and tubing do	wn.
Hours 5:30-7:00	Crew travel fr Rig had been Casing blew	om Vernal. roded to loca down quickly,	ation last eveni casing is pack	TIME DIS	TRIBUTION Operation s with crew. Go ov			ng and tubing do	wn.
Hours 5:30-7:00	Crew travel for Rig had been Casing blew MIRUPU. Sp	om Vernal. roded to loca down quickly, ot all equipme	ation last eveni casing is pack ent. Tie in lines	TIME DIS ng. Go over plans ed off. . UFWH. SOBOF	TRIBUTION Operation s with crew. Go ov	ver valves on loca	tion. Blow casi		wn.
Hours 5:30-7:00 7:00-12:00	Crew travel for Rig had been Casing blew MIRUPU. Sp	om Vernal. roded to loca down quickly, ot all equipme	ation last eveni casing is pack ent. Tie in lines	TIME DIS ng. Go over plans ed off. . UFWH. SOBOF	TRIBUTION Operation s with crew. Go ov	ver valves on loca	tion. Blow casi		wn.
Hours 5:30-7:00 7:00-12:00	Crew travel for Rig had been Casing blew of MIRUPU. Sportstempt to pure	om Vernal. roded to loca down quickly, ot all equipme	ation last eveni casing is pack ent. Tie in lines	TIME DIS ng. Go over plans ed off. . UFWH. SOBOF	TRIBUTION Operation s with crew. Go ov	ver valves on loca	tion. Blow casi		wn.
Hours 5:30-7:00 7:00-12:00	Crew travel for Rig had been Casing blew of MIRUPU. Sportstempt to pure Crew travel.	om Vernal. roded to loca down quickly, ot all equipme Il tubing. Wo	ation last eveni casing is pack ent. Tie in lines rk pipe betwee	TIME DIS ng. Go over plans ed off. . UFWH. SOBOF	TRIBUTION Operation s with crew. Go ov 0. 00#. No moveme	ver valves on loca	tion. Blow casi		wn.
Hours 5:30-7:00 7:00-12:00	Crew travel for Rig had been Casing blew of MIRUPU. Sportstempt to pure Crew travel.	om Vernal. roded to loca down quickly, ot all equipme Il tubing. Wo	ation last eveni casing is pack ent. Tie in lines rk pipe betwee	TIME DIS	TRIBUTION Operation s with crew. Go ov 0. 00#. No moveme	ver valves on loca	tion. Blow casi		wn.
Hours 5:30-7:00 7:00-12:00	Crew travel for Rig had been Casing blew of MIRUPU. Sportstempt to pure Crew travel.	om Vernal. roded to loca down quickly, ot all equipme Il tubing. Wo	ation last eveni casing is pack ent. Tie in lines rk pipe betwee	TIME DIS	TRIBUTION Operation s with crew. Go ov 0. 00#. No moveme	ver valves on loca	tion. Blow casi		wn.
Hours 5:30-7:00 7:00-12:00	Crew travel for Rig had been Casing blew of MIRUPU. Sportstempt to pure Crew travel.	om Vernal. roded to loca down quickly, ot all equipme Il tubing. Wo	ation last eveni casing is pack ent. Tie in lines rk pipe betwee	TIME DIS	TRIBUTION Operation s with crew. Go ov 0. 00#. No moveme	ver valves on loca	tion. Blow casi		wn.
Hours 5:30-7:00 7:00-12:00	Crew travel for Rig had been Casing blew of MIRUPU. Sportstempt to pure Crew travel.	om Vernal. roded to loca down quickly, ot all equipme Il tubing. Wo	ation last eveni casing is pack ent. Tie in lines rk pipe betwee	TIME DIS	TRIBUTION Operation s with crew. Go ov 0. 00#. No moveme	ver valves on loca	tion. Blow casi		wn.
Hours 5:30-7:00 7:00-12:00	Crew travel for Rig had been Casing blew of MIRUPU. Sportstempt to pure Crew travel.	om Vernal. roded to loca down quickly, ot all equipme Il tubing. Wo	ation last eveni casing is pack ent. Tie in lines rk pipe betwee	TIME DIS	TRIBUTION Operation s with crew. Go ov 0. 00#. No moveme	ver valves on loca	tion. Blow casi		wn.
Hours 5:30-7:00 7:00-12:00	Crew travel for Rig had been Casing blew of MIRUPU. Sportstempt to pure Crew travel.	om Vernal. roded to loca down quickly, ot all equipme Il tubing. Wo	ation last eveni casing is pack ent. Tie in lines rk pipe betwee	TIME DIS	TRIBUTION Operation s with crew. Go ov 0. 00#. No moveme	ver valves on loca	tion. Blow casi		wn.
Hours 5:30-7:00 7:00-12:00	Crew travel for Rig had been Casing blew of MIRUPU. Sportstempt to pure Crew travel.	om Vernal. roded to loca down quickly, ot all equipme Il tubing. Wo	ation last eveni casing is pack ent. Tie in lines rk pipe betwee	TIME DIS	TRIBUTION Operation s with crew. Go ov 0. 00#. No moveme	ver valves on loca	tion. Blow casi		wn.
Hours 5:30-7:00 7:00-12:00	Crew travel for Rig had been Casing blew of MIRUPU. Sportstempt to pure Crew travel.	om Vernal. roded to loca down quickly, ot all equipme Il tubing. Wo	ation last eveni casing is pack ent. Tie in lines rk pipe betwee	TIME DIS	TRIBUTION Operation s with crew. Go ov 0. 00#. No moveme	ver valves on loca	tion. Blow casi		wn.
Hours 5:30-7:00 7:00-12:00	Crew travel for Rig had been Casing blew of MIRUPU. Sportstempt to pure Crew travel.	om Vernal. roded to loca down quickly, ot all equipme Il tubing. Wo	ation last eveni casing is pack ent. Tie in lines rk pipe betwee	TIME DIS	TRIBUTION Operation s with crew. Go ov 0. 00#. No moveme	ver valves on loca	tion. Blow casi		wn.
Hours 5:30-7:00 7:00-12:00	Crew travel for Rig had been Casing blew of MIRUPU. Sportstempt to pure Crew travel.	om Vernal. roded to loca down quickly, ot all equipme Il tubing. Wo	ation last eveni casing is pack ent. Tie in lines rk pipe betwee	TIME DIS	TRIBUTION Operation s with crew. Go ov 0. 00#. No moveme	ver valves on loca	tion. Blow casi		wn.
Hours 5:30-7:00 7:00-12:00	Crew travel for Rig had been Casing blew of MIRUPU. Sportstempt to pure Crew travel.	om Vernal. roded to loca down quickly, ot all equipme Il tubing. Wo	ation last eveni casing is pack ent. Tie in lines rk pipe betwee	TIME DIS	TRIBUTION Operation s with crew. Go ov 0. 00#. No moveme	ver valves on loca	tion. Blow casi		Wn.
Hours 5:30-7:00 7:00-12:00	Crew travel for Rig had been Casing blew of MIRUPU. Sportstempt to pure Crew travel.	om Vernal. roded to loca down quickly, ot all equipme Il tubing. Wo	ation last eveni casing is pack ent. Tie in lines rk pipe betwee	TIME DIS	TRIBUTION Operation s with crew. Go ov 0. 00#. No moveme	ver valves on loca	tion. Blow casi		wn.
Hours 5:30-7:00 7:00-12:00 12:00-13:00 BHA DATA:	Crew travel for Rig had been Casing blew of MIRUPU. Sport Attempt to pure Crew travel. Note: WL is lightly and the pure travel.	om Vernal. roded to loca down quickly, ot all equipme Il tubing. Wo	ation last eveni casing is pack ent. Tie in lines rk pipe betwee	TIME DIS	TRIBUTION Operation s with crew. Go ov 0. 00#. No moveme	ver valves on loca	tion. Blow casi		Wn.
Hours 5:30-7:00 7:00-12:00 12:00-13:00	Crew travel for Rig had been Casing blew of MIRUPU. Sport Attempt to pure Crew travel. Note: WL is lightly and the pure travel.	om Vernal. roded to loca down quickly, ot all equipme Il tubing. Wo	ation last eveni casing is pack ent. Tie in lines rk pipe betwee	ng. Go over plans led off. I UFWH. SOBOF on 60,000 an 70,0	TRIBUTION Operation s with crew. Go over the control of the contro	ver valves on loca	tion. Blow casi		Wn.
Hours 5:30-7:00 7:00-12:00 12:00-13:00 BHA DATA:	Crew travel for Rig had been Casing blew of MIRUPU. Sport Attempt to pure Crew travel. Note: WL is lightly and the pure travel.	om Vernal. roded to loca down quickly, ot all equipme Il tubing. Wo	ation last eveni casing is pack ent. Tie in lines rk pipe betwee	ng. Go over plans led off. I UFWH. SOBOF on 60,000 an 70,0	TRIBUTION Operation s with crew. Go ov 0. 00#. No moveme	ver valves on loca	tion. Blow casi		Wn.
Hours 5:30-7:00 7:00-12:00	Crew travel for Rig had been Casing blew of MIRUPU. Sport Attempt to pure Crew travel. Note: WL is lightly and the pure travel.	om Vernal. roded to loca down quickly, ot all equipme Il tubing. Wo	ation last eveni casing is pack ent. Tie in lines rk pipe betwee	ng. Go over plans led off. I UFWH. SOBOF on 60,000 an 70,0	TRIBUTION Operation s with crew. Go over the control of the contro	ver valves on loca	tion. Blow casi		Wn.
Hours 5:30-7:00 7:00-12:00 12:00-13:00	Crew travel for Rig had been Casing blew of MIRUPU. Sport Attempt to pure Crew travel. Note: WL is lightly and the second secon	om Vernal. roded to loca down quickly, ot all equipme Il tubing. Wo	ation last eveni casing is pack ent. Tie in lines rk pipe betwee	ng. Go over plans led off. I UFWH. SOBOF on 60,000 an 70,0	TRIBUTION Operation s with crew. Go over the control of the contro	ver valves on loca	tion. Blow casi		Wn.
Hours 5:30-7:00 7:00-12:00 12:00-13:00 BHA DATA:	Crew travel for Rig had been Casing blew of MIRUPU. Sport Attempt to pure Crew travel. Note: WL is lightly and the second secon	om Vernal. roded to loca down quickly, ot all equipme Il tubing. Wo	ation last eveni casing is pack ent. Tie in lines rk pipe betwee	ng. Go over plans led off. I UFWH. SOBOF on 60,000 an 70,0	TRIBUTION Operation s with crew. Go over the control of the contro	ver valves on loca	tion. Blow casi		Wn.
Hours 5:30-7:00 7:00-12:00 12:00-13:00	Crew travel for Rig had been Casing blew of MIRUPU. Sport Attempt to pure Crew travel. Note: WL is lightly and the second secon	om Vernal. roded to loca down quickly, ot all equipme Il tubing. Wo	ation last eveni casing is pack ent. Tie in lines rk pipe betwee	ng. Go over plans led off. I UFWH. SOBOF on 60,000 an 70,0	TRIBUTION Operation s with crew. Go over the control of the contro	ver valves on loca	tion. Blow casi		Wn.
Hours 5:30-7:00 7:00-12:00 12:00-13:00	Crew travel for Rig had been Casing blew of MIRUPU. Sport Attempt to pure Crew travel. Note: WL is lightly and the second secon	om Vernal. roded to loca down quickly, ot all equipme Il tubing. Wo	ation last eveni casing is pack ent. Tie in lines rk pipe betwee	ng. Go over plans led off. I UFWH. SOBOF on 60,000 an 70,0	TRIBUTION Operation s with crew. Go over the control of the contro	ver valves on loca	tion. Blow casi		Mn.

11/1/011-	WHF 107-34				Doto:	6/9/2014		Drilled to:	
Well:					Date:				
County/ST:	Uintah, UTA				Days:	2	`amilaa	Drilled from: 0	
Location:	Sec 34, T-10	5, K-19E			Rig:	Conquest Well S	ervice	Footage: 0	
Elevation:	0		DIT DA	TA	Supervisor:	Clark		COST DATA (US	e /
D:+ #	C:	Moke	BIT DA		lata	Cond		COST DATA (US	
Bit #	Size	Make	Туре	Serial #	Jets	Cond	Location	Daily	Cumulative
					+		Location		\$(\$(
D:+ #	l no	Out	Feet	Llavina	WOB	RPM	Rig move	¢c 200	\$11,20
Bit #	<u>In</u>	Out	reet	Hours	WOB	KPIVI	Rig Fuel	\$6,300	\$11,20
					+		Camper		\$(
	l		PUMP D	<u> </u> ΛΤΛ			BOPE	\$360	\$610
Pump#	Make	Model	Liner	SPM	Rate	Pressure	Bits	φ300	\$610
0	0	0	0	0	Nate	Flessule	Air Equip		\$\(\frac{\pi_1}{2}\)
0	0	0	0	0	+		Equip rental	\$200	\$450
0	0	0	0	0	+		Mud	\$200	\$450
0	0	0	0	0	+		Mud Logger		\$(
U	<u> </u>	U	SURVEY		1		Trucking	\$1,000	\$2,200
Donth	Doviction	Direction		Deviation	Direction		Water	\$1,000	
Depth	Deviation	Direction	Depth	Deviation	Direction				\$500
					1		Labor	+	\$0
					+		Supervision Core/DST	+	\$0 \$0
	I		MUD DA	ATA	1	1		¢4 500	
Waight	Visc	YP	PV	Gels	T WL	Cake	Logs Cement	\$4,500	\$4,500 \$0
Weight	VISC	YP	PV	Geis	VVL	Саке		¢4 000	
0/ 0:1	0/ \\/ata=	0/ Calida		0.5	CI	LONA	Fishing	\$1,800	\$1,800
% Oil	% Water	% Solids	pН	Ca	CI	LCM	Misc	\$1,500	\$1,750
AID	L DATA DDU I	INIC		04054	TA BBU LING		Casing		\$0
	DATA-DRILL		D #	•	TA-DRILLING	0	Tubing		\$0
Air Rate	Foam Rate	Foam Mix	Depth	Flare	Duration	Operation	Rods		\$0
							Wellhead	#45.000	\$0
							TOTAL	\$15,660	\$23,010
Di- E =	Model	НР	Fuel Tune	Collona Haaa	Fuel Usage	- Madal	ш	Callan	a Haad
		I AP	Fuel Type	Gallons Used	Pump Eng Typ	e Model	HP	Gallon	s Usea
Rig EngType			Diesel		Detroit	Series 50/Diesel	380		
Rig EngType Detroit	Series 60	575	Diesel 10	Pump Eng	Detroit	Series 50/Diesel			
			Diesel 10	Pump Eng	0	Series 50/Diesel Ttl Rig & Pump			
Detroit	Series 60	575			0 STRIBUTION	Ttl Rig & Pump			
Detroit Hours	Series 60 Total Gals	575 Rig Eng			0	Ttl Rig & Pump			
Detroit Hours 5:30-7:00	Series 60 Total Gals Crew travel 8	575 Rig Eng	10		0 STRIBUTION	Ttl Rig & Pump			
Hours 5:30-7:00 7:00-8:00	Series 60 Total Gals Crew travel 8 Wait for wire	575 Rig Eng S safety mtg. S safety to a	10	TIME DI	0 STRIBUTION Operation	Ttl Rig & Pump	10	POOH Found way	v & scale
Hours 5:30-7:00 7:00-8:00	Series 60 Total Gals Crew travel 8 Wait for wire RU DLD wire	575 Rig Eng R safety mtg. line truck to a	10 rrive. .7" GR/JB. Ta	TIME DI	0 STRIBUTION Operation O' worked tools &	Ttl Rig & Pump on gained 10'. Stop w	10 orking tools & F		
Hours 5:30-7:00 7:00-8:00	Series 60 Total Gals Crew travel 8 Wait for wire RU DLD wire on GR. PU 1	575 Rig Eng Safety mtg. line truck to a eline. RIH w/ 1	rrive. .7" GR/JB. Ta tagged up @ !	TIME DI	OSTRIBUTION Operation O' worked tools & ools & gained 10'	Ttl Rig & Pump on gained 10'. Stop w to 5210'. POOH w	10 orking tools & F		
Hours 5:30-7:00 7:00-8:00 8:00-11:00	Series 60 Total Gals Crew travel 8 Wait for wire RU DLD wire on GR. PU 1 Free point @	575 Rig Eng A safety mtg. line truck to a eline. RIH w/ 1 .5" GR & RIH 4000' tbg 10	rrive7" GR/JB. Tatagged up @ s	TIME DI gged up @ 4600 5200'. Worked to 5000' 65% free	0 STRIBUTION Operation O' worked tools &	Ttl Rig & Pump on gained 10'. Stop w to 5210'. POOH w	10 orking tools & F		
Hours 5:30-7:00 7:00-8:00 8:00-11:00	Series 60 Total Gals Crew travel 8 Wait for wire RU DLD wire on GR. PU 1 Free point @ Call for hot o	S safety mtg. Sine truck to a seline. RIH w/ 1.5" GR & RIH 4000' tbg 100 il truck & wait	rrive. .7" GR/JB. Tatagged up @ 9 0% free, RIH tofor truck to arr	TIME DI: gged up @ 4600 5200'. Worked to 5000' 65% free rive.	OSTRIBUTION Operation O' worked tools & ools & gained 10' e. POOH w/ wireli	Ttl Rig & Pump on gained 10'. Stop w to 5210'. POOH w ne.	10 orking tools & F / GR. RU free p	ooint equip. & RIH	
Hours 5:30-7:00 7:00-8:00 8:00-11:00 11:00-14:00 14:00-15:00	Series 60 Total Gals Crew travel & Wait for wire RU DLD wire on GR. PU 1 Free point @ Call for hot o	575 Rig Eng & safety mtg. line truck to a eline. RIH w/ 1 .5" GR & RIH 4000' tbg 10 il truck & wait ick, pump 20	rrive. .7" GR/JB. Tatagged up @ 8 0% free, RIH tofor truck to arribbls 250 deg.	gged up @ 4600 5200'. Worked to 5000' 65% free rive. Water & follow v	OSTRIBUTION Operation O' worked tools & cools & gained 10' e. POOH w/ wirelicuted w/ 20 bbls 120 decored and tools decor	Ttl Rig & Pump on gained 10'. Stop w to 5210'. POOH w ne. g. Condensate. RD	10 orking tools & F / GR. RU free p	ooint equip. & RIH	
Hours 5:30-7:00 7:00-8:00 8:00-11:00 11:00-14:00 14:00-15:00 15:00-16:30	Series 60 Total Gals Crew travel & Wait for wire RU DLD wire on GR. PU 1 Free point @ Call for hot o RU hot oil tru	575 Rig Eng & safety mtg. line truck to a eline. RIH w/ 1 .5" GR & RIH 4000' tbg 10 il truck & wait ick, pump 20	rrive. .7" GR/JB. Tatagged up @ 8 0% free, RIH tofor truck to arribbls 250 deg.	gged up @ 4600 5200'. Worked to 5000' 65% free rive. Water & follow v	OSTRIBUTION Operation O' worked tools & ools & gained 10' e. POOH w/ wireli	Ttl Rig & Pump on gained 10'. Stop w to 5210'. POOH w ne. g. Condensate. RD	10 orking tools & F / GR. RU free p	ooint equip. & RIH	
Hours 5:30-7:00 7:00-8:00 8:00-11:00 11:00-14:00 14:00-15:00 15:00-16:30	Series 60 Total Gals Crew travel & Wait for wire RU DLD wire on GR. PU 1 Free point @ Call for hot o	575 Rig Eng & safety mtg. line truck to a eline. RIH w/ 1 .5" GR & RIH 4000' tbg 10 il truck & wait ick, pump 20	rrive. .7" GR/JB. Tatagged up @ 8 0% free, RIH tofor truck to arribbls 250 deg.	gged up @ 4600 5200'. Worked to 5000' 65% free rive. Water & follow v	OSTRIBUTION Operation O' worked tools & cools & gained 10' e. POOH w/ wirelicuted w/ 20 bbls 120 decored and tools decor	Ttl Rig & Pump on gained 10'. Stop w to 5210'. POOH w ne. g. Condensate. RD	10 orking tools & F / GR. RU free p	ooint equip. & RIH	
Hours 5:30-7:00 7:00-8:00 8:00-11:00 11:00-14:00 14:00-15:00 15:00-16:30	Series 60 Total Gals Crew travel & Wait for wire RU DLD wire on GR. PU 1 Free point @ Call for hot o RU hot oil true RU & RIH w/ Crew travel	575 Rig Eng A safety mtg. line truck to a eline. RIH w/ 1 .5" GR & RIH 4000' tbg 10 il truck & wait ick, pump 20 1.5" wireline	rrive7" GR/JB. Tatagged up @ 90% free, RIH to for truck to arribbls 250 deg. V	gged up @ 4600 5200'. Worked to 5000' 65% free rive. Water & follow vo	OSTRIBUTION Operation O' worked tools & cools & gained 10' e. POOH w/ wirelicuted by 20 bbls 120 deg	Ttl Rig & Pump on gained 10'. Stop w to 5210'. POOH w ne. g. Condensate. RD reline. SWIFN.	orking tools & F / GR. RU free p	ooint equip. & RIH	
Hours 5:30-7:00 7:00-8:00 8:00-11:00 11:00-14:00 14:00-15:00 15:00-16:30	Series 60 Total Gals Crew travel & Wait for wire RU DLD wire on GR. PU 1 Free point @ Call for hot o RU hot oil true RU & RIH w/ Crew travel	575 Rig Eng A safety mtg. line truck to a eline. RIH w/ 1 .5" GR & RIH 4000' tbg 10 il truck & wait ick, pump 20 1.5" wireline	rrive7" GR/JB. Tatagged up @ 90% free, RIH to for truck to arribbls 250 deg. V	gged up @ 4600 5200'. Worked to 5000' 65% free rive. Water & follow vo	OSTRIBUTION Operation O' worked tools & cools & gained 10' e. POOH w/ wirelicuted by 20 bbls 120 deg	Ttl Rig & Pump on gained 10'. Stop w to 5210'. POOH w ne. g. Condensate. RD	orking tools & F / GR. RU free p	ooint equip. & RIH	
Hours 5:30-7:00 7:00-8:00 8:00-11:00 11:00-14:00 14:00-15:00 15:00-16:30	Series 60 Total Gals Crew travel & Wait for wire RU DLD wire on GR. PU 1 Free point @ Call for hot o RU hot oil true RU & RIH w/ Crew travel	575 Rig Eng A safety mtg. line truck to a eline. RIH w/ 1 .5" GR & RIH 4000' tbg 10 il truck & wait ick, pump 20 1.5" wireline	rrive7" GR/JB. Tatagged up @ 90% free, RIH to for truck to arribbls 250 deg. V	gged up @ 4600 5200'. Worked to 5000' 65% free rive. Water & follow vo	OSTRIBUTION Operation O' worked tools & cools & gained 10' e. POOH w/ wirelicuted by 20 bbls 120 deg	Ttl Rig & Pump on gained 10'. Stop w to 5210'. POOH w ne. g. Condensate. RD reline. SWIFN.	orking tools & F / GR. RU free p	ooint equip. & RIH	
Hours 5:30-7:00 7:00-8:00 8:00-11:00 11:00-14:00 14:00-15:00 15:00-16:30	Series 60 Total Gals Crew travel & Wait for wire RU DLD wire on GR. PU 1 Free point @ Call for hot o RU hot oil true RU & RIH w/ Crew travel	575 Rig Eng A safety mtg. line truck to a eline. RIH w/ 1 .5" GR & RIH 4000' tbg 10 il truck & wait ick, pump 20 1.5" wireline	rrive7" GR/JB. Tatagged up @ 90% free, RIH to for truck to arribbls 250 deg. V	gged up @ 4600 5200'. Worked to 5000' 65% free rive. Water & follow vo	OSTRIBUTION Operation O' worked tools & cools & gained 10' e. POOH w/ wirelicuted by 20 bbls 120 deg	Ttl Rig & Pump on gained 10'. Stop w to 5210'. POOH w ne. g. Condensate. RD reline. SWIFN.	orking tools & F / GR. RU free p	ooint equip. & RIH	
Hours 5:30-7:00 7:00-8:00 8:00-11:00 11:00-14:00 14:00-15:00 15:00-16:30	Series 60 Total Gals Crew travel & Wait for wire RU DLD wire on GR. PU 1 Free point @ Call for hot o RU hot oil true RU & RIH w/ Crew travel	575 Rig Eng A safety mtg. line truck to a eline. RIH w/ 1 .5" GR & RIH 4000' tbg 10 il truck & wait ick, pump 20 1.5" wireline	rrive7" GR/JB. Tatagged up @ 90% free, RIH to for truck to arribbls 250 deg. V	gged up @ 4600 5200'. Worked to 5000' 65% free rive. Water & follow vo	OSTRIBUTION Operation O' worked tools & cools & gained 10' e. POOH w/ wirelicuted by 20 bbls 120 deg	Ttl Rig & Pump on gained 10'. Stop w to 5210'. POOH w ne. g. Condensate. RD reline. SWIFN.	orking tools & F / GR. RU free p	ooint equip. & RIH	
Hours 5:30-7:00 7:00-8:00 8:00-11:00 11:00-14:00 14:00-15:00 15:00-16:30	Series 60 Total Gals Crew travel & Wait for wire RU DLD wire on GR. PU 1 Free point @ Call for hot o RU hot oil true RU & RIH w/ Crew travel	575 Rig Eng A safety mtg. line truck to a eline. RIH w/ 1 .5" GR & RIH 4000' tbg 10 il truck & wait ick, pump 20 1.5" wireline	rrive7" GR/JB. Tatagged up @ 90% free, RIH to for truck to arribbls 250 deg. V	gged up @ 4600 5200'. Worked to 5000' 65% free rive. Water & follow vo	OSTRIBUTION Operation O' worked tools & cools & gained 10' e. POOH w/ wirelicuted by 20 bbls 120 deg	Ttl Rig & Pump on gained 10'. Stop w to 5210'. POOH w ne. g. Condensate. RD reline. SWIFN.	orking tools & F / GR. RU free p	ooint equip. & RIH	
Hours 5:30-7:00 7:00-8:00 8:00-11:00 11:00-14:00 14:00-15:00 15:00-16:30	Series 60 Total Gals Crew travel & Wait for wire RU DLD wire on GR. PU 1 Free point @ Call for hot o RU hot oil true RU & RIH w/ Crew travel	575 Rig Eng A safety mtg. line truck to a eline. RIH w/ 1 .5" GR & RIH 4000' tbg 10 il truck & wait ick, pump 20 1.5" wireline	rrive7" GR/JB. Tatagged up @ 90% free, RIH to for truck to arribbls 250 deg. V	gged up @ 4600 5200'. Worked to 5000' 65% free rive. Water & follow vo	OSTRIBUTION Operation O' worked tools & cools & gained 10' e. POOH w/ wirelicuted by 20 bbls 120 deg	Ttl Rig & Pump on gained 10'. Stop w to 5210'. POOH w ne. g. Condensate. RD reline. SWIFN.	orking tools & F / GR. RU free p	ooint equip. & RIH	
Hours 5:30-7:00 7:00-8:00 8:00-11:00 11:00-14:00 14:00-15:00 15:00-16:30	Series 60 Total Gals Crew travel & Wait for wire RU DLD wire on GR. PU 1 Free point @ Call for hot o RU hot oil true RU & RIH w/ Crew travel	575 Rig Eng A safety mtg. line truck to a eline. RIH w/ 1 .5" GR & RIH 4000' tbg 10 il truck & wait ick, pump 20 1.5" wireline	rrive7" GR/JB. Tatagged up @ 90% free, RIH to for truck to arribbls 250 deg. V	gged up @ 4600 5200'. Worked to 5000' 65% free rive. Water & follow vo	OSTRIBUTION Operation O' worked tools & cools & gained 10' e. POOH w/ wirelicuted by 20 bbls 120 deg	Ttl Rig & Pump on gained 10'. Stop w to 5210'. POOH w ne. g. Condensate. RD reline. SWIFN.	orking tools & F / GR. RU free p	ooint equip. & RIH	
Hours 5:30-7:00 7:00-8:00 8:00-11:00 11:00-14:00 14:00-15:00 15:00-16:30 16:30-18:00	Series 60 Total Gals Crew travel & Wait for wire RU DLD wire on GR. PU 1 Free point @ Call for hot o RU hot oil true RU & RIH w/ Crew travel	575 Rig Eng A safety mtg. line truck to a eline. RIH w/ 1 .5" GR & RIH 4000' tbg 10 il truck & wait ick, pump 20 1.5" wireline	rrive7" GR/JB. Tatagged up @ 90% free, RIH to for truck to arribbls 250 deg. V	gged up @ 4600 5200'. Worked to 5000' 65% free rive. Water & follow vo	OSTRIBUTION Operation O' worked tools & cools & gained 10' e. POOH w/ wirelicuted by 20 bbls 120 deg	Ttl Rig & Pump on gained 10'. Stop w to 5210'. POOH w ne. g. Condensate. RD reline. SWIFN.	orking tools & F / GR. RU free p	ooint equip. & RIH	
Hours 5:30-7:00 7:00-8:00 8:00-11:00 11:00-14:00 14:00-15:00 15:00-16:30 16:30-18:00	Series 60 Total Gals Crew travel & Wait for wire RU DLD wire on GR. PU 1 Free point @ Call for hot o RU hot oil true RU & RIH w/ Crew travel	575 Rig Eng A safety mtg. line truck to a eline. RIH w/ 1 .5" GR & RIH 4000' tbg 10 il truck & wait ick, pump 20 1.5" wireline	rrive7" GR/JB. Tatagged up @ 90% free, RIH to for truck to arribbls 250 deg. V	gged up @ 4600 5200'. Worked to 5000' 65% free rive. Water & follow vo	OSTRIBUTION Operation O' worked tools & cools & gained 10' e. POOH w/ wirelicuted by 20 bbls 120 deg	Ttl Rig & Pump on gained 10'. Stop w to 5210'. POOH w ne. g. Condensate. RD reline. SWIFN.	orking tools & F / GR. RU free p	ooint equip. & RIH	
Hours 5:30-7:00 7:00-8:00 8:00-11:00 11:00-14:00 14:00-15:00 15:00-16:30 16:30-18:00	Series 60 Total Gals Crew travel & Wait for wire RU DLD wire on GR. PU 1 Free point @ Call for hot o RU hot oil true RU & RIH w/ Crew travel Note: tbg ma	575 Rig Eng A safety mtg. line truck to a eline. RIH w/ 1 .5" GR & RIH 4000' tbg 10 il truck & wait ick, pump 20 1.5" wireline	rrive7" GR/JB. Tatagged up @ 90% free, RIH to for truck to arribbls 250 deg. V	gged up @ 4600 5200'. Worked to 5000' 65% free rive. Water & follow vo	OSTRIBUTION Operation O' worked tools & cools & gained 10' e. POOH w/ wirelicuted by 20 bbls 120 deg	Ttl Rig & Pump on gained 10'. Stop w to 5210'. POOH w ne. g. Condensate. RD reline. SWIFN.	orking tools & F / GR. RU free p	ooint equip. & RIH	
Hours 5:30-7:00 7:00-8:00 8:00-11:00 11:00-14:00 14:00-15:00 15:00-16:30 16:30-18:00	Series 60 Total Gals Crew travel & Wait for wire RU DLD wire on GR. PU 1 Free point @ Call for hot o RU hot oil true RU & RIH w/ Crew travel Note: tbg ma	575 Rig Eng A safety mtg. line truck to a eline. RIH w/ 1 .5" GR & RIH 4000' tbg 10 il truck & wait ick, pump 20 1.5" wireline	rrive7" GR/JB. Tatagged up @ 90% free, RIH to for truck to arribbls 250 deg. V	gged up @ 4600 5200'. Worked to 5000' 65% free rive. Water & follow vo	OSTRIBUTION Operation O' worked tools & cools & gained 10' e. POOH w/ wirelicuted by 20 bbls 120 deg	Ttl Rig & Pump on gained 10'. Stop w to 5210'. POOH w ne. g. Condensate. RD reline. SWIFN.	orking tools & F / GR. RU free p	ooint equip. & RIH	
Hours 5:30-7:00 7:00-8:00 8:00-11:00 11:00-14:00 14:00-15:00 15:00-16:30 16:30-18:00	Series 60 Total Gals Crew travel & Wait for wire RU DLD wire on GR. PU 1 Free point @ Call for hot o RU hot oil true RU & RIH w/ Crew travel Note: tbg ma	575 Rig Eng A safety mtg. line truck to a eline. RIH w/ 1 .5" GR & RIH 4000' tbg 10 il truck & wait ick, pump 20 1.5" wireline	rrive7" GR/JB. Tatagged up @ 90% free, RIH to for truck to arribbls 250 deg. V	gged up @ 4600 5200'. Worked to 5000' 65% free rive. Water & follow vo	STRIBUTION Operation O' worked tools & cools & gained 10' e. POOH w/ wireling v/ 20 bbls 120 deg ', POOH & RD wing s from getting down	Ttl Rig & Pump on gained 10'. Stop w to 5210'. POOH w ne. g. Condensate. RD reline. SWIFN.	orking tools & F / GR. RU free p	ooint equip. & RIH	
Hours 5:30-7:00 7:00-8:00 8:00-11:00 11:00-14:00 14:00-15:00 15:00-16:30 16:30-18:00	Series 60 Total Gals Crew travel & Wait for wire RU DLD wire on GR. PU 1 Free point @ Call for hot o RU hot oil true RU & RIH w/ Crew travel Note: tbg ma	575 Rig Eng A safety mtg. line truck to a eline. RIH w/ 1 .5" GR & RIH 4000' tbg 10 il truck & wait ick, pump 20 1.5" wireline	rrive7" GR/JB. Tatagged up @ 90% free, RIH to for truck to arribbls 250 deg. V	gged up @ 4600 5200'. Worked to 5000' 65% free rive. Water & follow vo	STRIBUTION Operation O' worked tools & cools & gained 10' e. POOH w/ wireling v/ 20 bbls 120 deg ', POOH & RD wing s from getting down	Ttl Rig & Pump on gained 10'. Stop w to 5210'. POOH w ne. g. Condensate. RD reline. SWIFN.	orking tools & F / GR. RU free p	ooint equip. & RIH	
Hours 5:30-7:00 7:00-8:00 8:00-11:00 11:00-14:00 14:00-15:00 15:00-16:30 16:30-18:00	Series 60 Total Gals Crew travel & Wait for wire RU DLD wire on GR. PU 1 Free point @ Call for hot o RU hot oil true RU & RIH w/ Crew travel Note: tbg ma	575 Rig Eng A safety mtg. line truck to a eline. RIH w/ 1 .5" GR & RIH 4000' tbg 10 il truck & wait ick, pump 20 1.5" wireline	rrive7" GR/JB. Tatagged up @ 90% free, RIH to for truck to arribbls 250 deg. V	gged up @ 4600 5200'. Worked to 5000' 65% free rive. Water & follow vo	STRIBUTION Operation O' worked tools & cools & gained 10' e. POOH w/ wireling v/ 20 bbls 120 deg ', POOH & RD wing s from getting down	Ttl Rig & Pump on gained 10'. Stop w to 5210'. POOH w ne. g. Condensate. RD reline. SWIFN.	orking tools & F / GR. RU free p	ooint equip. & RIH	
Hours 5:30-7:00 7:00-8:00 8:00-11:00 11:00-14:00 14:00-15:00 15:00-16:30 16:30-18:00	Series 60 Total Gals Crew travel & Wait for wire RU DLD wire on GR. PU 1 Free point @ Call for hot o RU hot oil true RU & RIH w/ Crew travel Note: tbg ma	575 Rig Eng A safety mtg. line truck to a eline. RIH w/ 1 .5" GR & RIH 4000' tbg 10 il truck & wait ick, pump 20 1.5" wireline	rrive7" GR/JB. Tatagged up @ 90% free, RIH to for truck to arribbls 250 deg. V	gged up @ 4600 5200'. Worked to 5000' 65% free rive. Water & follow vo	STRIBUTION Operation O' worked tools & cools & gained 10' e. POOH w/ wireling v/ 20 bbls 120 deg ', POOH & RD wing s from getting down	Ttl Rig & Pump on gained 10'. Stop w to 5210'. POOH w ne. g. Condensate. RD reline. SWIFN.	orking tools & F / GR. RU free p	ooint equip. & RIH	
Hours 5:30-7:00 7:00-8:00 8:00-11:00 11:00-14:00 14:00-15:00 15:00-16:30 16:30-18:00	Series 60 Total Gals Crew travel & Wait for wire RU DLD wire on GR. PU 1 Free point @ Call for hot o RU hot oil true RU & RIH w/ Crew travel Note: tbg ma	575 Rig Eng A safety mtg. line truck to a eline. RIH w/ 1 .5" GR & RIH 4000' tbg 10 il truck & wait ick, pump 20 1.5" wireline	rrive7" GR/JB. Tatagged up @ 90% free, RIH to for truck to arribbls 250 deg. V	gged up @ 4600 5200'. Worked to 5000' 65% free rive. Water & follow vo	STRIBUTION Operation O' worked tools & cools & gained 10' e. POOH w/ wireling v/ 20 bbls 120 deg ', POOH & RD wing s from getting down	Ttl Rig & Pump on gained 10'. Stop w to 5210'. POOH w ne. g. Condensate. RD reline. SWIFN.	orking tools & F / GR. RU free p	ooint equip. & RIH	

			KOCH EXP	LORATION C			PORT		
Well:	WHF 107-34				Date:	6/10/2014		Drilled to:	
County/ST:	Uintah, UTAF				Days:	3		Drilled from: 0	
Location:	Sec 34, T-10	S, R-19E			Rig:	Conquest Well S	Service	Footage: 0	
Elevation:	0				Supervisor:	Clark			
	I		BIT DA		1			COST DATA (US	
Bit #	Size	Make	Туре	Serial #	Jets	Cond		Daily	Cumulative
							Location		\$
							Rig move		\$
Bit #	In	Out	Feet	Hours	WOB	RPM	Rig	\$6,200	\$17,40
							Fuel		\$
							Camper		\$
	T		PUMP D		•		BOPE	\$360	\$97
Pump #	Make	Model	Liner	SPM	Rate	Pressure	Bits		\$
0	0	0	0	0			Air Equip		\$
0	0	0	0	0			Equip rental		\$45
0	0	0	0	0			Mud		\$
0	0	0	0	0			Mud Logger		\$
			SURVEY	DATA			Trucking		\$2,20
Depth	Deviation	Direction	Depth	Deviation	Direction		Water	\$500	\$1,00
							Labor		\$
							Supervision		\$
							Core/DST		\$
			MUD DA	ATA			Logs	\$10,300	\$14,80
Weight	Visc	YP	PV	Gels	WL	Cake	Cement		\$
							Fishing	\$1,850	\$3,65
% Oil	% Water	% Solids	pН	Ca	CI	LCM	Misc	\$1,000	\$2,75
							Casing		\$
AIR	DATA-DRILL	ING		GAS DAT	A-DRILLING		Tubing		\$
Air Rate	Foam Rate	Foam Mix	Depth	Flare	Duration	Operation	Rods		\$
							Wellhead		\$
							TOTAL	\$20,210	\$43,22
			I		uel Usage		IOIAL	Ψ20,210	Ψ-10,22
Rig EngType	Model	HP	Fuel Type		Pump Eng Type	Model	HP	Gallon	s Used
Detroit	Series 60	575	Diesel		Detroit	Series 50/Diesel			
	Total Gals	Rig Eng	10	Pump Eng	0	Ttl Rig & Pump	10		
		3 3			TRIBUTION	<u> </u>		_	
Hours					Operation				000000000000000000000000000000000000000
	Crew travel 8	k safetv mta							
6:30-8:00			bls 15% HCL	acid.					
6:30-8:00 8:00-8:30	Blow down th	ia & pump 5 b							
8:00-8:30	Blow down to		for 1 hr. displa				U.w/wiroling C		
8:00-8:30 8:30-10:30	Let acid fall d	lown tbg,& sit		t 5200'. Log throi	uah to find EOT @	2 5978' +/ POO	n w/ wireline G	R. RIH w/ free po	int tools.
8:00-8:30	Let acid fall d RU wireline.	lown tbg,& sit RIH w/ 1.5" G	R. Made it pas		•			R. RIH w/ free po	
8:00-8:30 8:30-10:30	Let acid fall d RU wireline. Found tbg stu	lown tbg,& sit RIH w/ 1.5" G uck @ 5100'.	R. Made it pas LD free point to	ools & RIH w/ che	emical cutter. Cut	tbg @ 5610'. Rur	n log below cut,	R. RIH w/ free po looks like tbg fell	
8:00-8:30 8:30-10:30 10:30-14:00	Let acid fall d RU wireline. Found tbg stu . POOH w/ w	lown tbg,& sit RIH w/ 1.5" G uck @ 5100'. ireline. PU 2n	R. Made it pas LD free point to d chemical cut	ools & RIH w/ che ter, RIH & make	emical cutter. Cut second cut @ 498	tbg @ 5610'. Rur 80'. RDMO wireli	n log below cut, ne.	looks like tbg fell	
8:00-8:30 8:30-10:30 10:30-14:00	Let acid fall d RU wireline. Found tbg stu . POOH w/ w POOH & tally	lown tbg,& sit RIH w/ 1.5" G uck @ 5100'. ireline. PU 2n	R. Made it pas LD free point to d chemical cut	ools & RIH w/ che ter, RIH & make	emical cutter. Cut	tbg @ 5610'. Rur 80'. RDMO wireli	n log below cut, ne.	looks like tbg fell	
8:00-8:30 8:30-10:30 10:30-14:00 14:00-16:00	Let acid fall d RU wireline. Found tbg stu . POOH w/ w POOH & tally SWIFN	lown tbg,& sit RIH w/ 1.5" G uck @ 5100'. ireline. PU 2n	R. Made it pas LD free point to d chemical cut	ools & RIH w/ che ter, RIH & make	emical cutter. Cut second cut @ 498	tbg @ 5610'. Rur 80'. RDMO wireli	n log below cut, ne.	looks like tbg fell	
8:00-8:30 8:30-10:30 10:30-14:00	Let acid fall d RU wireline. Found tbg stu . POOH w/ w POOH & tally	lown tbg,& sit RIH w/ 1.5" G uck @ 5100'. ireline. PU 2n	R. Made it pas LD free point to d chemical cut	ools & RIH w/ che ter, RIH & make	emical cutter. Cut second cut @ 498	tbg @ 5610'. Rur 80'. RDMO wireli	n log below cut, ne.	looks like tbg fell	
8:00-8:30 8:30-10:30 10:30-14:00 14:00-16:00	Let acid fall d RU wireline. Found tbg stu . POOH w/ w POOH & tally SWIFN Crew travel	lown tbg,& sit RIH w/ 1.5" G uck @ 5100'. ireline. PU 2n v w/ 50 stds, w	R. Made it pas LD free point to d chemical cut vell came arou	ools & RIH w/ che ter, RIH & make	emical cutter. Cut second cut @ 498	tbg @ 5610'. Rur 80'. RDMO wireli	n log below cut, ne.	looks like tbg fell	
8:00-8:30 8:30-10:30 10:30-14:00 14:00-16:00	Let acid fall d RU wireline. Found tbg stu . POOH w/ w POOH & tally SWIFN Crew travel	lown tbg,& sit RIH w/ 1.5" G uck @ 5100'. ireline. PU 2n	R. Made it pas LD free point to d chemical cut vell came arou	ools & RIH w/ che ter, RIH & make	emical cutter. Cut second cut @ 498	tbg @ 5610'. Rur 80'. RDMO wireli	n log below cut, ne.	looks like tbg fell	
8:00-8:30 8:30-10:30 10:30-14:00 14:00-16:00	Let acid fall d RU wireline. Found tbg stu . POOH w/ w POOH & tally SWIFN Crew travel	lown tbg,& sit RIH w/ 1.5" G uck @ 5100'. ireline. PU 2n v w/ 50 stds, w	R. Made it pas LD free point to d chemical cut vell came arou	ools & RIH w/ che ter, RIH & make	emical cutter. Cut second cut @ 498	tbg @ 5610'. Rur 80'. RDMO wireli	n log below cut, ne.	looks like tbg fell	
8:00-8:30 8:30-10:30 10:30-14:00 14:00-16:00	Let acid fall d RU wireline. Found tbg stu . POOH w/ w POOH & tally SWIFN Crew travel	lown tbg,& sit RIH w/ 1.5" G uck @ 5100'. ireline. PU 2n v w/ 50 stds, w	R. Made it pas LD free point to d chemical cut vell came arou	ools & RIH w/ che ter, RIH & make	emical cutter. Cut second cut @ 498	tbg @ 5610'. Rur 80'. RDMO wireli	n log below cut, ne.	looks like tbg fell	
8:00-8:30 8:30-10:30 10:30-14:00 14:00-16:00	Let acid fall d RU wireline. Found tbg stu . POOH w/ w POOH & tally SWIFN Crew travel	lown tbg,& sit RIH w/ 1.5" G uck @ 5100'. ireline. PU 2n v w/ 50 stds, w	R. Made it pas LD free point to d chemical cut vell came arou	ools & RIH w/ che ter, RIH & make	emical cutter. Cut second cut @ 498	tbg @ 5610'. Rur 80'. RDMO wireli	n log below cut, ne.	looks like tbg fell	
8:00-8:30 8:30-10:30 10:30-14:00 14:00-16:00	Let acid fall d RU wireline. Found tbg stu . POOH w/ w POOH & tally SWIFN Crew travel	lown tbg,& sit RIH w/ 1.5" G uck @ 5100'. ireline. PU 2n v w/ 50 stds, w	R. Made it pas LD free point to d chemical cut vell came arou	ools & RIH w/ che ter, RIH & make	emical cutter. Cut second cut @ 498	tbg @ 5610'. Rur 80'. RDMO wireli	n log below cut, ne.	looks like tbg fell	
8:00-8:30 8:30-10:30 10:30-14:00 14:00-16:00	Let acid fall d RU wireline. Found tbg stu . POOH w/ w POOH & tally SWIFN Crew travel	lown tbg,& sit RIH w/ 1.5" G uck @ 5100'. ireline. PU 2n v w/ 50 stds, w	R. Made it pas LD free point to d chemical cut vell came arou	ools & RIH w/ che ter, RIH & make	emical cutter. Cut second cut @ 498	tbg @ 5610'. Rur 80'. RDMO wireli	n log below cut, ne.	looks like tbg fell	
8:00-8:30 8:30-10:30 10:30-14:00 14:00-16:00	Let acid fall d RU wireline. Found tbg stu . POOH w/ w POOH & tally SWIFN Crew travel	lown tbg,& sit RIH w/ 1.5" G uck @ 5100'. ireline. PU 2n v w/ 50 stds, w	R. Made it pas LD free point to d chemical cut vell came arou	ools & RIH w/ che ter, RIH & make	emical cutter. Cut second cut @ 498	tbg @ 5610'. Rur 80'. RDMO wireli	n log below cut, ne.	looks like tbg fell	
8:00-8:30 8:30-10:30 10:30-14:00 14:00-16:00 16:00-17:30	Let acid fall d RU wireline. Found tbg stu . POOH w/ w POOH & tally SWIFN Crew travel	lown tbg,& sit RIH w/ 1.5" G uck @ 5100'. ireline. PU 2n v w/ 50 stds, w	R. Made it pas LD free point to d chemical cut vell came arou	ools & RIH w/ che ter, RIH & make	emical cutter. Cut second cut @ 498	tbg @ 5610'. Rur 80'. RDMO wireli	n log below cut, ne.	looks like tbg fell	
8:00-8:30 8:30-10:30 10:30-14:00 14:00-16:00 16:00-17:30	Let acid fall d RU wireline. Found tbg stu . POOH w/ w POOH & tally SWIFN Crew travel	lown tbg,& sit RIH w/ 1.5" G uck @ 5100'. ireline. PU 2n v w/ 50 stds, w	R. Made it pas LD free point to d chemical cut vell came arou	ools & RIH w/ che ter, RIH & make	emical cutter. Cut second cut @ 498	tbg @ 5610'. Rur 80'. RDMO wireli	n log below cut, ne.	looks like tbg fell	
8:00-8:30 8:30-10:30 10:30-14:00 14:00-16:00 16:00-17:30	Let acid fall d RU wireline. Found tbg stu . POOH w/ w POOH & tally SWIFN Crew travel	lown tbg,& sit RIH w/ 1.5" G uck @ 5100'. ireline. PU 2n v w/ 50 stds, w	R. Made it pas LD free point to d chemical cut vell came arou	ools & RIH w/ che ter, RIH & make	emical cutter. Cut second cut @ 498	tbg @ 5610'. Rur 80'. RDMO wireli	n log below cut, ne.	looks like tbg fell	
8:00-8:30 8:30-10:30 10:30-14:00 14:00-16:00	Let acid fall d RU wireline. Found tbg stu . POOH w/ w POOH & tally SWIFN Crew travel	lown tbg,& sit RIH w/ 1.5" G uck @ 5100'. ireline. PU 2n v w/ 50 stds, w	R. Made it pas LD free point to d chemical cut vell came arou	pols & RIH w/ che ter, RIH & make nd, pump 20 bbl l	emical cutter. Cut second cut @ 496 kill on tbg, finish F	tbg @ 5610'. Rur 80'. RDMO wireli	n log below cut, ne.	looks like tbg fell	
8:00-8:30 8:30-10:30 10:30-14:00 14:00-16:00 16:00-17:30	Let acid fall d RU wireline. Found tbg stu . POOH w/ w POOH & tally SWIFN Crew travel	lown tbg,& sit RIH w/ 1.5" G uck @ 5100'. ireline. PU 2n v w/ 50 stds, w	R. Made it pas LD free point to d chemical cut vell came arou	pols & RIH w/ che ter, RIH & make nd, pump 20 bbl l	emical cutter. Cut second cut @ 498	tbg @ 5610'. Rur 80'. RDMO wireli	n log below cut, ne.	looks like tbg fell	
8:00-8:30 8:30-10:30 10:30-14:00 14:00-16:00 16:00-17:30	Let acid fall d RU wireline. Found tbg stu . POOH w/ w POOH & tally SWIFN Crew travel	lown tbg,& sit RIH w/ 1.5" G uck @ 5100'. ireline. PU 2n v w/ 50 stds, w	R. Made it pas LD free point to d chemical cut vell came arou	pols & RIH w/ che ter, RIH & make nd, pump 20 bbl l	emical cutter. Cut second cut @ 496 kill on tbg, finish F	tbg @ 5610'. Rur 80'. RDMO wireli	n log below cut, ne.	looks like tbg fell	
8:00-8:30 8:30-10:30 10:30-14:00 14:00-16:00 16:00-17:30	Let acid fall d RU wireline. Found tbg stu . POOH w/ w POOH & tally SWIFN Crew travel	lown tbg,& sit RIH w/ 1.5" G uck @ 5100'. ireline. PU 2n v w/ 50 stds, w	R. Made it pas LD free point to d chemical cut vell came arou	pols & RIH w/ che ter, RIH & make nd, pump 20 bbl l	emical cutter. Cut second cut @ 496 kill on tbg, finish F	tbg @ 5610'. Rur 80'. RDMO wireli	n log below cut, ne.	looks like tbg fell	
8:00-8:30 8:30-10:30 10:30-14:00 14:00-16:00 16:00-17:30	Let acid fall d RU wireline. Found tbg stu . POOH w/ w POOH & tally SWIFN Crew travel	lown tbg,& sit RIH w/ 1.5" G uck @ 5100'. ireline. PU 2n v w/ 50 stds, w	R. Made it pas LD free point to d chemical cut vell came arou	pols & RIH w/ che ter, RIH & make nd, pump 20 bbl l	emical cutter. Cut second cut @ 496 kill on tbg, finish F	tbg @ 5610'. Rur 80'. RDMO wireli	n log below cut, ne.	looks like tbg fell	
8:00-8:30 8:30-10:30 10:30-14:00 14:00-16:00 16:00-17:30	Let acid fall d RU wireline. Found tbg stu . POOH w/ w POOH & tally SWIFN Crew travel	lown tbg,& sit RIH w/ 1.5" G uck @ 5100'. ireline. PU 2n v w/ 50 stds, w	R. Made it pas LD free point to d chemical cut vell came arou	pols & RIH w/ che ter, RIH & make nd, pump 20 bbl l	emical cutter. Cut second cut @ 496 kill on tbg, finish F	tbg @ 5610'. Rur 80'. RDMO wireli	n log below cut, ne.	looks like tbg fell	
8:00-8:30 8:30-10:30 10:30-14:00 14:00-16:00 16:00-17:30	Let acid fall d RU wireline. Found tbg stu . POOH w/ w POOH & tally SWIFN Crew travel	lown tbg,& sit RIH w/ 1.5" G uck @ 5100'. ireline. PU 2n v w/ 50 stds, w	R. Made it pas LD free point to d chemical cut vell came arou	pols & RIH w/ che ter, RIH & make nd, pump 20 bbl l	emical cutter. Cut second cut @ 496 kill on tbg, finish F	tbg @ 5610'. Rur 80'. RDMO wireli	n log below cut, ne.	looks like tbg fell	
8:00-8:30 8:30-10:30 10:30-14:00 14:00-16:00 16:00-17:30	Let acid fall d RU wireline. Found tbg stu . POOH w/ w POOH & tally SWIFN Crew travel	lown tbg,& sit RIH w/ 1.5" G uck @ 5100'. ireline. PU 2n v w/ 50 stds, w	R. Made it pas LD free point to d chemical cut vell came arou	pols & RIH w/ che ter, RIH & make nd, pump 20 bbl l	emical cutter. Cut second cut @ 496 kill on tbg, finish F	tbg @ 5610'. Rur 80'. RDMO wireli	n log below cut, ne.	looks like tbg fell	

NA .:	14/1 IE : == =		NUCH EXP	_UKATION CO	D LLC DAILY		FURI		
Well:	WHF 107-34				Date:	6/11/2014		Drilled to:	
County/ST:	Uintah, UTAF				Days:	4		Drilled from: 0	
Location:	Sec 34, T-10	S, R-19E			Rig:	Conquest Well S	Service	Footage: 0)
Elevation:	0				Supervisor:	Clark			2
	I	•	BIT DA		T	T		COST DATA (US	
Bit #	Size	Make	Type	Serial #	Jets	Cond		Daily	Cumulative
							Location		\$
							Rig move		\$
Bit #	In	Out	Feet	Hours	WOB	RPM	Rig	\$5,800	\$23,20
							Fuel		\$
							Camper		\$
			PUMP D	ATA			BOPE	\$360	\$1,33
Pump #	Make	Model	Liner	SPM	Rate	Pressure	Bits		\$
0	0	0	0	0			Air Equip		\$
0	0	0	0	0			Equip rental	\$1,000	\$1,45
0	0	0	0	0			Mud		\$
0	0	0	0	0			Mud Logger		\$
			SURVEY	DATA		•	Trucking		\$2,20
Depth	Deviation	Direction	Depth	Deviation	Direction	300000000000000000000000000000000000000	Water	\$500	\$1,50
- '			- 		22.2.		Labor	1,333	\$
							Supervision	 	\$
						1	Core/DST	1	<u>Ψ</u>
			MUD DA	\TA			Logs	1	<u>Ψ</u> \$14,80
Weight	Visc	YP	PV	Gels	T WL	Cake	Cement	+	\$14,88
vveignt	VISC	''	1 V	Oeis	VVL	Care	Fishing	\$14,889	<u>Ψ</u> \$18,53
% Oil	% Water	% Solids	pН	Ca	CI	LCM	Misc	\$14,009	\$2,75
76 OII	% vvalei	76 Solius	рп	Ca	Ci	LCIVI		+	
AID	DATA-DRILL	ING		CASDAT	A-DRILLING	l	Casing	+	\$
			Donath			Oneneties	Tubing	+	<u> </u>
Air Rate	Foam Rate	Foam Mix	Depth	Flare	Duration	Operation	Rods	+	
							Wellhead	000.540	\$
				<u>.</u>			TOTAL	\$22,549	\$65,76
D: - F T	30-1-1		F 1 T		uel Usage	NA - 1-1		O all a se	- 11
Rig EngType Detroit	Model Series 60	HP 575	Fuel Type	Gallons Used	Pump Eng Type		HP 380	Gallon	s Used
Detroit			Diesel	Dumn Eng	Detroit	Series 50/Diesel			
	Total Gals	Rig Eng	10	Pump Eng		Ttl Rig & Pump	10		
	l			I IIVIE DIS	TRIBUTION				
Haura					Operation	l			
Hours	Crow troval 8								
5:30-7:00	Crew travel &		hhla						
5:30-7:00 7:00-8:00	Blow down we	ell & kill w/ 20		4 2 4/9" DCIa					
5:30-7:00 7:00-8:00 8:00-9:00	Blow down we PU & tally ove	ell & kill w/ 20 ershot, bumpe	r sub, jars, x-c		x-o, energizer, x-c).			
5:30-7:00 7:00-8:00 8:00-9:00 9:00-10:00	Blow down we PU & tally ove RIH w/ 75 std	ell & kill w/ 20 ershot, bumpe ls 2 3/8" tbg, la	r sub, jars, x-catch onto fish	@ 4980'.).			
5:30-7:00 7:00-8:00 8:00-9:00 9:00-10:00 10:00-11:00	Blow down we PU & tally ove RIH w/ 75 std jarred on fish	ell & kill w/ 20 ershot, bumpe ls 2 3/8" tbg, la for 1 hr settin	r sub, jars, x-c atch onto fish g jars off @ 70	⊚ 4980'. K. Fish jarred fre	e.				
5:30-7:00 7:00-8:00 8:00-9:00 9:00-10:00 10:00-11:00 11:00-13:00	Blow down we PU & tally ove RIH w/ 75 std jarred on fish POOH w/ 75	ell & kill w/ 20 ershot, bumpe ls 2 3/8" tbg, la for 1 hr setting stds, SB DC's	r sub, jars, x-catch onto fish (g jars off @ 70 , & LD fishing	@ 4980'. Ⅸ. Fish jarred fre tools. LD 19 jts b	e. elow overshot,(sc	ale build up)	III @ F0F7	I D O its	
5:30-7:00 7:00-8:00 8:00-9:00 9:00-10:00 10:00-11:00 11:00-13:00	Blow down we PU & tally ove RIH w/ 75 std jarred on fish POOH w/ 75	ell & kill w/ 20 ershot, bumpe is 2 3/8" tbg, la for 1 hr settin stds, SB DC's A as before ex	er sub, jars, x-catch onto fish (g jars off @ 70, & LD fishing coept for 6' ext	9 4980'. 1 April 2	e. elow overshot,(sc low overshot RIH	ale build up) w/ 77 stds tag up	solid @ 5057'	. LD 2 jts.	
5:30-7:00 7:00-8:00 8:00-9:00 9:00-10:00 10:00-11:00 11:00-13:00	Blow down we PU & tally ove RIH w/ 75 std jarred on fish POOH w/ 75 PU same BH. Spot in power	ell & kill w/ 20 ershot, bumpe is 2 3/8" tbg, la for 1 hr settin stds, SB DC's A as before ex	er sub, jars, x-catch onto fish (g jars off @ 70, & LD fishing coept for 6' ext	9 4980'. 1 April 2	e. elow overshot,(sc	ale build up) w/ 77 stds tag up	solid @ 5057'	. LD 2 jts.	
5:30-7:00 7:00-8:00 8:00-9:00 9:00-10:00 10:00-11:00 11:00-13:00 13:00-15:00	Blow down we PU & tally ove RIH w/ 75 std jarred on fish POOH w/ 75 PU same BH. Spot in power SWIFN	ell & kill w/ 20 ershot, bumpe is 2 3/8" tbg, la for 1 hr settin stds, SB DC's A as before ex	er sub, jars, x-catch onto fish (g jars off @ 70, & LD fishing coept for 6' ext	9 4980'. 1 April 2	e. elow overshot,(sc low overshot RIH	ale build up) w/ 77 stds tag up	solid @ 5057'	. LD 2 jts.	
5:30-7:00 7:00-8:00 8:00-9:00 9:00-10:00 10:00-11:00 11:00-13:00 13:00-15:00	Blow down we PU & tally ove RIH w/ 75 std jarred on fish POOH w/ 75 PU same BH. Spot in power	ell & kill w/ 20 ershot, bumpe is 2 3/8" tbg, la for 1 hr settin stds, SB DC's A as before ex	er sub, jars, x-catch onto fish (g jars off @ 70, & LD fishing coept for 6' ext	9 4980'. 1 April 2	e. elow overshot,(sc low overshot RIH	ale build up) w/ 77 stds tag up	solid @ 5057'	. LD 2 jts.	
5:30-7:00 7:00-8:00 8:00-9:00 9:00-10:00 10:00-11:00 11:00-13:00 13:00-15:00	Blow down we PU & tally ove RIH w/ 75 std jarred on fish POOH w/ 75 PU same BH. Spot in power SWIFN Crew travel	ell & kill w/ 20 ershot, bumpe is 2 3/8" tbg, la for 1 hr settin stds, SB DC's A as before ex r swivel, stab v	er sub, jars, x-coatch onto fish (g jars off @ 70, & LD fishing except for 6' extended washington rub	2 4980'. OK. Fish jarred free tools. LD 19 jts been sion & shoe been been, prepare to compare to com	elow overshot,(sc elow overshot RIH lean out w/ foam	ale build up) w/ 77 stds tag up	solid @ 5057'	. LD 2 jts.	
5:30-7:00 7:00-8:00 8:00-9:00 9:00-10:00 10:00-11:00 11:00-13:00 13:00-15:00	Blow down we PU & tally ove RIH w/ 75 std jarred on fish POOH w/ 75 PU same BH. Spot in power SWIFN Crew travel	ell & kill w/ 20 ershot, bumpe is 2 3/8" tbg, la for 1 hr settin stds, SB DC's A as before ex r swivel, stab v	er sub, jars, x-coatch onto fish (g jars off @ 70, & LD fishing except for 6' extended washington rub	9 4980'. 1 April 2	elow overshot,(sc elow overshot RIH lean out w/ foam	ale build up) w/ 77 stds tag up	solid @ 5057'	. LD 2 jts.	
5:30-7:00 7:00-8:00 8:00-9:00 9:00-10:00 10:00-11:00 11:00-13:00 13:00-15:00	Blow down we PU & tally ove RIH w/ 75 std jarred on fish POOH w/ 75 PU same BH. Spot in power SWIFN Crew travel	ell & kill w/ 20 ershot, bumpe is 2 3/8" tbg, la for 1 hr settin stds, SB DC's A as before ex r swivel, stab v	er sub, jars, x-coatch onto fish (g jars off @ 70, & LD fishing except for 6' extended washington rub	2 4980'. OK. Fish jarred free tools. LD 19 jts been sion & shoe been been, prepare to compare to com	elow overshot,(sc elow overshot RIH lean out w/ foam	ale build up) w/ 77 stds tag up	solid @ 5057'	. LD 2 jts.	
5:30-7:00 7:00-8:00 8:00-9:00 9:00-10:00 10:00-11:00 11:00-13:00 13:00-15:00	Blow down we PU & tally ove RIH w/ 75 std jarred on fish POOH w/ 75 PU same BH. Spot in power SWIFN Crew travel	ell & kill w/ 20 ershot, bumpe is 2 3/8" tbg, la for 1 hr settin stds, SB DC's A as before ex r swivel, stab v	er sub, jars, x-coatch onto fish (g jars off @ 70, & LD fishing except for 6' extended washington rub	2 4980'. OK. Fish jarred free tools. LD 19 jts been sion & shoe been been, prepare to compare to com	elow overshot,(sc elow overshot RIH lean out w/ foam	ale build up) w/ 77 stds tag up	solid @ 5057'	. LD 2 jts.	
5:30-7:00 7:00-8:00 8:00-9:00 9:00-10:00 10:00-11:00 11:00-13:00 13:00-15:00	Blow down we PU & tally ove RIH w/ 75 std jarred on fish POOH w/ 75 PU same BH. Spot in power SWIFN Crew travel	ell & kill w/ 20 ershot, bumpe is 2 3/8" tbg, la for 1 hr settin stds, SB DC's A as before ex r swivel, stab v	er sub, jars, x-coatch onto fish (g jars off @ 70, & LD fishing except for 6' extended washington rub	2 4980'. OK. Fish jarred free tools. LD 19 jts been sion & shoe been been, prepare to compare to com	elow overshot,(sc elow overshot RIH lean out w/ foam	ale build up) w/ 77 stds tag up	solid @ 5057'	. LD 2 jts.	
5:30-7:00 7:00-8:00 8:00-9:00 9:00-10:00 10:00-11:00 11:00-13:00 13:00-15:00	Blow down we PU & tally ove RIH w/ 75 std jarred on fish POOH w/ 75 PU same BH. Spot in power SWIFN Crew travel	ell & kill w/ 20 ershot, bumpe is 2 3/8" tbg, la for 1 hr settin stds, SB DC's A as before ex r swivel, stab v	er sub, jars, x-coatch onto fish (g jars off @ 70, & LD fishing except for 6' extended washington rub	2 4980'. OK. Fish jarred free tools. LD 19 jts been sion & shoe been been, prepare to compare to com	elow overshot,(sc elow overshot RIH lean out w/ foam	ale build up) w/ 77 stds tag up	solid @ 5057'	. LD 2 jts.	
5:30-7:00 7:00-8:00 8:00-9:00 9:00-10:00 10:00-11:00 11:00-13:00 13:00-15:00	Blow down we PU & tally ove RIH w/ 75 std jarred on fish POOH w/ 75 PU same BH. Spot in power SWIFN Crew travel	ell & kill w/ 20 ershot, bumpe is 2 3/8" tbg, la for 1 hr settin stds, SB DC's A as before ex r swivel, stab v	er sub, jars, x-coatch onto fish (g jars off @ 70, & LD fishing except for 6' extended washington rub	2 4980'. OK. Fish jarred free tools. LD 19 jts been sion & shoe been been, prepare to compare to com	elow overshot,(sc elow overshot RIH lean out w/ foam	ale build up) w/ 77 stds tag up	solid @ 5057'	. LD 2 jts.	
5:30-7:00 7:00-8:00 8:00-9:00 9:00-10:00 10:00-11:00 13:00-15:00 15:00-15:30 15:30-17:00	Blow down we PU & tally ove RIH w/ 75 std jarred on fish POOH w/ 75 PU same BH. Spot in power SWIFN Crew travel	ell & kill w/ 20 ershot, bumpe is 2 3/8" tbg, la for 1 hr settin stds, SB DC's A as before ex r swivel, stab v	er sub, jars, x-coatch onto fish (g jars off @ 70, & LD fishing except for 6' extended washington rub	2 4980'. OK. Fish jarred free tools. LD 19 jts been sion & shoe been been, prepare to compare to com	elow overshot,(sc elow overshot RIH lean out w/ foam	ale build up) w/ 77 stds tag up	solid @ 5057'	. LD 2 jts.	
5:30-7:00 7:00-8:00 8:00-9:00 9:00-10:00 10:00-11:00 11:00-13:00 13:00-15:00	Blow down we PU & tally ove RIH w/ 75 std jarred on fish POOH w/ 75 PU same BH. Spot in power SWIFN Crew travel	ell & kill w/ 20 ershot, bumpe is 2 3/8" tbg, la for 1 hr settin stds, SB DC's A as before ex r swivel, stab v	er sub, jars, x-coatch onto fish (g jars off @ 70, & LD fishing except for 6' extended washington rub	2 4980'. OK. Fish jarred free tools. LD 19 jts been sion & shoe been been, prepare to compare to com	elow overshot,(sc elow overshot RIH lean out w/ foam	ale build up) w/ 77 stds tag up	solid @ 5057'	. LD 2 jts.	
5:30-7:00 7:00-8:00 8:00-9:00 9:00-10:00 10:00-11:00 13:00-15:00 15:00-15:30 15:30-17:00	Blow down we PU & tally ove RIH w/ 75 std jarred on fish POOH w/ 75 PU same BH. Spot in power SWIFN Crew travel	ell & kill w/ 20 ershot, bumpe is 2 3/8" tbg, la for 1 hr settin stds, SB DC's A as before ex r swivel, stab v	er sub, jars, x-coatch onto fish (g jars off @ 70, & LD fishing except for 6' extended washington rub	2 4980'. OK. Fish jarred free tools. LD 19 jts been sion & shoe been been, prepare to compare to com	elow overshot,(sc elow overshot RIH lean out w/ foam	ale build up) w/ 77 stds tag up	solid @ 5057'	. LD 2 jts.	
5:30-7:00 7:00-8:00 8:00-9:00 9:00-10:00 10:00-11:00 11:00-13:00 15:00-15:30 15:30-17:00	Blow down we PU & tally ove RIH w/ 75 std jarred on fish POOH w/ 75 PU same BH. Spot in power SWIFN Crew travel	ell & kill w/ 20 ershot, bumpe is 2 3/8" tbg, la for 1 hr settin stds, SB DC's A as before ex r swivel, stab v	er sub, jars, x-coatch onto fish (g jars off @ 70, & LD fishing except for 6' extended washington rub	@ 4980'. OK. Fish jarred free tools. LD 19 jts been sion & shoe been been, prepare to combe ober, prepare to combe ober in the AM	elow overshot,(sc elow overshot RIH elean out w/ foam to wash down.	ale build up) w/ 77 stds tag up	solid @ 5057'	. LD 2 jts.	
5:30-7:00 7:00-8:00 8:00-9:00 9:00-10:00 10:00-11:00 13:00-15:00 15:00-15:30 15:30-17:00	Blow down we PU & tally ove RIH w/ 75 std jarred on fish POOH w/ 75 PU same BH. Spot in power SWIFN Crew travel	ell & kill w/ 20 ershot, bumpe is 2 3/8" tbg, la for 1 hr settin stds, SB DC's A as before ex r swivel, stab v	er sub, jars, x-coatch onto fish (g jars off @ 70, & LD fishing except for 6' extended washington rub	@ 4980'. OK. Fish jarred free tools. LD 19 jts been sion & shoe been been, prepare to combe ober, prepare to combe ober in the AM	elow overshot,(sc elow overshot RIH lean out w/ foam	ale build up) w/ 77 stds tag up	solid @ 5057'	. LD 2 jts.	
5:30-7:00 7:00-8:00 8:00-9:00 9:00-10:00 10:00-11:00 13:00-15:00 15:00-15:30 15:30-17:00	Blow down we PU & tally ove RIH w/ 75 std jarred on fish POOH w/ 75 PU same BH. Spot in power SWIFN Crew travel	ell & kill w/ 20 ershot, bumpe is 2 3/8" tbg, la for 1 hr settin stds, SB DC's A as before ex r swivel, stab v	er sub, jars, x-coatch onto fish (g jars off @ 70, & LD fishing except for 6' extended washington rub	@ 4980'. OK. Fish jarred free tools. LD 19 jts been sion & shoe been been, prepare to combe ober, prepare to combe ober in the AM	elow overshot,(sc elow overshot RIH elean out w/ foam to wash down.	ale build up) w/ 77 stds tag up	solid @ 5057'	. LD 2 jts.	
5:30-7:00 7:00-8:00 8:00-9:00 9:00-10:00 10:00-11:00 13:00-15:00 15:00-15:30 15:30-17:00	Blow down we PU & tally ove RIH w/ 75 std jarred on fish POOH w/ 75 PU same BH. Spot in power SWIFN Crew travel	ell & kill w/ 20 ershot, bumpe is 2 3/8" tbg, la for 1 hr settin stds, SB DC's A as before ex r swivel, stab v	er sub, jars, x-coatch onto fish (g jars off @ 70, & LD fishing except for 6' extended washington rub	@ 4980'. OK. Fish jarred free tools. LD 19 jts been sion & shoe been been, prepare to combe ober, prepare to combe ober in the AM	elow overshot,(sc elow overshot RIH elean out w/ foam to wash down.	ale build up) w/ 77 stds tag up	solid @ 5057'	. LD 2 jts.	
5:30-7:00 7:00-8:00 8:00-9:00 9:00-10:00 10:00-11:00 13:00-15:00 15:00-15:30 15:30-17:00	Blow down we PU & tally ove RIH w/ 75 std jarred on fish POOH w/ 75 PU same BH. Spot in power SWIFN Crew travel	ell & kill w/ 20 ershot, bumpe is 2 3/8" tbg, la for 1 hr settin stds, SB DC's A as before ex r swivel, stab v	er sub, jars, x-coatch onto fish (g jars off @ 70, & LD fishing except for 6' extended washington rub	@ 4980'. OK. Fish jarred free tools. LD 19 jts been sion & shoe been been, prepare to combe ober, prepare to combe ober in the AM	elow overshot,(sc elow overshot RIH elean out w/ foam to wash down.	ale build up) w/ 77 stds tag up	solid @ 5057'	. LD 2 jts.	
5:30-7:00 7:00-8:00 8:00-9:00 9:00-10:00 10:00-11:00 13:00-15:00 15:00-15:30 15:30-17:00	Blow down we PU & tally ove RIH w/ 75 std jarred on fish POOH w/ 75 PU same BH. Spot in power SWIFN Crew travel	ell & kill w/ 20 ershot, bumpe is 2 3/8" tbg, la for 1 hr settin stds, SB DC's A as before ex r swivel, stab v	er sub, jars, x-coatch onto fish (g jars off @ 70, & LD fishing except for 6' extended washington rub	@ 4980'. OK. Fish jarred free tools. LD 19 jts been sion & shoe been been, prepare to combe ober, prepare to combe ober in the AM	elow overshot,(sc elow overshot RIH elean out w/ foam to wash down.	ale build up) w/ 77 stds tag up	solid @ 5057'	. LD 2 jts.	
5:30-7:00 7:00-8:00 8:00-9:00 9:00-10:00 10:00-11:00 13:00-15:00 15:00-15:30 15:30-17:00	Blow down we PU & tally ove RIH w/ 75 std jarred on fish POOH w/ 75 PU same BH. Spot in power SWIFN Crew travel	ell & kill w/ 20 ershot, bumpe is 2 3/8" tbg, la for 1 hr settin stds, SB DC's A as before ex r swivel, stab v	er sub, jars, x-coatch onto fish (g jars off @ 70, & LD fishing except for 6' extended washington rub	@ 4980'. OK. Fish jarred free tools. LD 19 jts been sion & shoe been been, prepare to combe ober, prepare to combe ober in the AM	elow overshot,(sc elow overshot RIH elean out w/ foam to wash down.	ale build up) w/ 77 stds tag up	solid @ 5057'	. LD 2 jts.	

Well:	WHF 107-34				Date:	6/12/2014		Drilled to:	
County/ST:	Uintah, UTAI					5		Drilled to: Drilled from: (1
Location:					Days:	Conquest Well S	`ondoo		
	Sec 34, T-10	5, K-19E			Rig:	•	service	Footage: ()
Elevation:	0		DIT DA		Supervisor:	Clark		COCT DATA (UI	•
D:+ #	0:	Mala	BIT DA		lata	Cond		COST DATA (US	
Bit #	Size	Make	Туре	Serial #	Jets	Cond		Daily	Cumulative
							Location		\$
							Rig move		\$
Bit #	In	Out	Feet	Hours	WOB	RPM	Rig	\$5,700	\$28,90
							Fuel		\$(
							Camper		\$(
			PUMP D	ATA			BOPE	\$360	\$1,69
Pump#	Make	Model	Liner	SPM	Rate	Pressure	Bits		\$
0	0	0	0	0			Air Equip	\$4,200	\$4,200
0	0	0	0	0			Equip rental	\$1,000	\$2,450
0	0	0	0	0			Mud		\$(
0	0	0	0	0			Mud Logger		\$(
			SURVEY	DATA			Trucking		\$2,200
Depth	Deviation	Direction	Depth	Deviation	Direction		Water	\$500	\$2,000
Pm.,		55511					Labor	+000	\$(
				1	1		Supervision	† †	\$(
					1		Core/DST	†	\$(
			MUD DA	ΛΤΛ				+	\$14,800
\^/a:ab+	Visc	YP	PV	Gels	T WL	Cake	Logs Cement	+ +	\$14,800 \$0
Weight	VISC	YP	PV	Geis	VVL	Саке		Ф0 5 70	
2/ 0:1	0/ \\/ = 1 = =	0/ 0-11-1-		0 -	01	1.004	Fishing	\$6,576	\$25,115
% Oil	% Water	% Solids	рН	Ca	CI	LCM	Misc	+	\$2,750
							Casing		\$0
	DATA-DRILL				TA-DRILLING	T	Tubing		\$0
Air Rate	Foam Rate	Foam Mix	Depth	Flare	Duration	Operation	Rods		\$0
							Wellhead		\$0
							TOTAL	\$18,336	\$84,105
					Fuel Usage	<u> </u>		-	
		110	Fuel Type	Gallons Used	Pump Eng Typ	e Model	HP	Gallor	s Used
Rig EngType		HP		<u> </u>					
Rig EngType Detroit	Model Series 60	575	Diesel		Detroit	Series 50/Diesel			
				Pump Eng	Detroit 0	Series 50/Diesel Ttl Rig & Pump			
	Series 60	575	Diesel	Pump Eng					
	Series 60	575	Diesel	Pump Eng	0	Ttl Rig & Pump			
Detroit	Series 60	575 Rig Eng	Diesel	Pump Eng	0 STRIBUTION	Ttl Rig & Pump			
Detroit Hours	Series 60 Total Gals Crew travel 8	575 Rig Eng	Diesel 10	Pump Eng	0 STRIBUTION Operation	Ttl Rig & Pump			
Hours 5:30-700	Series 60 Total Gals Crew travel 8 Blow down tt	575 Rig Eng	Diesel 10 swivel, RU foa	Pump Eng TIME DI	0 STRIBUTION Operation	Ttl Rig & Pump			
Hours 5:30-700 7:00-8:00	Series 60 Total Gals Crew travel 8 Blow down the Establish circ	575 Rig Eng R safety mtg. og, PU power c. w/ full return	Diesel 10 swivel, RU foans	Pump Eng TIME DI m unit, & circ lir	0 STRIBUTION Operationes.	Ttl Rig & Pump	10	19' tagged up aga	ain. PU
Hours 5:30-700 7:00-8:00 8:00-9:00	Series 60 Total Gals Crew travel 8 Blow down tt Establish circ Clean out sc	575 Rig Eng Safety mtg. og, PU power c. w/ full returnale from 5057	Diesel 10 swivel, RU foans ''- 5999', fell fre	Pump Eng TIME DI m unit, & circ line ee, hang back sv	O STRIBUTION Operation les. vivel, POOH to 50	Ttl Rig & Pump	10 float, RIH to 61		
Hours 5:30-700 7:00-8:00 8:00-9:00	Series 60 Total Gals Crew travel 8 Blow down the Establish circ Clean out so swivel & clean	575 Rig Eng Safety mtg. Dg, PU power C. w/ full returnale from 5057 In out from 61	Diesel 10 swivel, RU foans ''- 5999', fell fre 19'-6987', fell f	Pump Eng TIME DI m unit, & circ lin ee, hang back sy free. Hang back	OSTRIBUTION Operation les. wivel, POOH to 50 swivel, POOH to	Ttl Rig & Pump on 057' pull out string 6119' pull sting flo	10 float, RIH to 61 at RIH to 8666	taggged up. PU	swivel &
Hours 5:30-700 7:00-8:00 8:00-9:00	Series 60 Total Gals Crew travel 8 Blow down the Establish circ Clean out so swivel & clean	575 Rig Eng Safety mtg. Dg, PU power C. w/ full returnale from 5057 In out from 61	Diesel 10 swivel, RU foans ''- 5999', fell fre 19'-6987', fell f	Pump Eng TIME DI m unit, & circ lin ee, hang back sy free. Hang back	OSTRIBUTION Operation les. wivel, POOH to 50 swivel, POOH to	Ttl Rig & Pump	10 float, RIH to 61 at RIH to 8666	taggged up. PU	swivel &
Hours 5:30-700 7:00-8:00 8:00-9:00	Series 60 Total Gals Crew travel 8 Blow down tt Establish circ Clean out sc swivel & clea wash down to	575 Rig Eng Safety mtg. Dg, PU power C. w/ full returnale from 5057 In out from 61	Diesel 10 swivel, RU foans ''- 5999', fell fre 19'-6987', fell f	Pump Eng TIME DI m unit, & circ lin ee, hang back sy free. Hang back	OSTRIBUTION Operation les. wivel, POOH to 50 swivel, POOH to	Ttl Rig & Pump on 057' pull out string 6119' pull sting flo	10 float, RIH to 61 at RIH to 8666	taggged up. PU	swivel &
Hours 5:30-700 7:00-8:00 8:00-9:00 9:00-17:00	Series 60 Total Gals Crew travel 8 Blow down to Establish circ Clean out so swivel & clear wash down to tog. SWIFN	575 Rig Eng Safety mtg. Dg, PU power C. w/ full returnale from 5057 In out from 61	Diesel 10 swivel, RU foans ''- 5999', fell fre 19'-6987', fell f	Pump Eng TIME DI m unit, & circ lin ee, hang back sy free. Hang back	OSTRIBUTION Operation les. wivel, POOH to 50 swivel, POOH to	Ttl Rig & Pump on 057' pull out string 6119' pull sting flo	10 float, RIH to 61 at RIH to 8666	taggged up. PU	swivel &
Hours 5:30-700 7:00-8:00 8:00-9:00 9:00-17:00	Series 60 Total Gals Crew travel & Blow down the Establish circ Clean out so swivel & clean wash down to tog.	575 Rig Eng Safety mtg. Dg, PU power C. w/ full returnale from 5057 In out from 61	Diesel 10 swivel, RU foans ''- 5999', fell fre 19'-6987', fell f	Pump Eng TIME DI m unit, & circ lin ee, hang back sy free. Hang back	OSTRIBUTION Operation les. wivel, POOH to 50 swivel, POOH to	Ttl Rig & Pump on 057' pull out string 6119' pull sting flo	10 float, RIH to 61 at RIH to 8666	taggged up. PU	swivel &
Hours 5:30-700 7:00-8:00 8:00-9:00 9:00-17:00	Series 60 Total Gals Crew travel & Blow down the Establish circ Clean out screwivel & clean wash down to tbg. SWIFN Crew travel	Rig Eng Rig Eng Safety mtg. Sig, PU power Sig, W/ full returnate from 5057 Sign out from 61 Sign 8735' tagger	Diesel 10 swivel, RU foans ''- 5999', fell fre 19'-6987', fell f	Pump Eng TIME DI m unit, & circ lin ee, hang back sy free. Hang back clean, lactch on	OSTRIBUTION Operation des. vivel, POOH to 50 swivel, POOH to to 2 nd fish top, N	Ttl Rig & Pump on 057' pull out string 6119' pull sting flo	10 float, RIH to 61 at RIH to 8666	taggged up. PU	swivel &
Hours 5:30-700 7:00-8:00 8:00-9:00 9:00-17:00	Series 60 Total Gals Crew travel & Blow down the Establish circ Clean out screwivel & clean wash down to tbg. SWIFN Crew travel	Rig Eng Rig Eng Safety mtg. Sig, PU power Sig, W/ full returnate from 5057 Sign out from 61 Sign 8735' tagger	Diesel 10 swivel, RU foans ''- 5999', fell fre 19'-6987', fell f	Pump Eng TIME DI m unit, & circ lin ee, hang back sy free. Hang back	OSTRIBUTION Operation des. vivel, POOH to 50 swivel, POOH to to 2 nd fish top, N	Ttl Rig & Pump on 057' pull out string 6119' pull sting flo	10 float, RIH to 61 at RIH to 8666	taggged up. PU	swivel &
Hours 5:30-700 7:00-8:00 8:00-9:00 9:00-17:00	Series 60 Total Gals Crew travel & Blow down the Establish circ Clean out screwivel & clean wash down to tbg. SWIFN Crew travel	Rig Eng Rig Eng Safety mtg. Sig, PU power Sig, W/ full returnate from 5057 Sign out from 61 Sign 8735' tagger	Diesel 10 swivel, RU foans ''- 5999', fell fre 19'-6987', fell f	Pump Eng TIME DI m unit, & circ lin ee, hang back sy free. Hang back clean, lactch on	OSTRIBUTION Operation des. vivel, POOH to 50 swivel, POOH to to 2 nd fish top, N	Ttl Rig & Pump on 057' pull out string 6119' pull sting flo	10 float, RIH to 61 at RIH to 8666	taggged up. PU	swivel &
Hours 5:30-700 7:00-8:00 8:00-9:00 9:00-17:00	Series 60 Total Gals Crew travel & Blow down the Establish circ Clean out screwivel & clean wash down to tbg. SWIFN Crew travel	Rig Eng Rig Eng Safety mtg. Sig, PU power Sig, W/ full returnate from 5057 Sign out from 61 Sign 8735' tagger	Diesel 10 swivel, RU foans ''- 5999', fell fre 19'-6987', fell f	Pump Eng TIME DI m unit, & circ lin ee, hang back sy free. Hang back clean, lactch on	OSTRIBUTION Operation des. vivel, POOH to 50 swivel, POOH to to 2 nd fish top, N	Ttl Rig & Pump on 057' pull out string 6119' pull sting flo	10 float, RIH to 61 at RIH to 8666	taggged up. PU	swivel &
Hours 5:30-700 7:00-8:00 8:00-9:00 9:00-17:00	Series 60 Total Gals Crew travel & Blow down the Establish circ Clean out screwivel & clean wash down to tbg. SWIFN Crew travel	Rig Eng Rig Eng Safety mtg. Sig, PU power Sig, W/ full returnate from 5057 Sign out from 61 Sign 8735' tagger	Diesel 10 swivel, RU foans ''- 5999', fell fre 19'-6987', fell f	Pump Eng TIME DI m unit, & circ lin ee, hang back sy free. Hang back clean, lactch on	OSTRIBUTION Operation des. vivel, POOH to 50 swivel, POOH to to 2 nd fish top, N	Ttl Rig & Pump on 057' pull out string 6119' pull sting flo	10 float, RIH to 61 at RIH to 8666	taggged up. PU	swivel &
Hours 5:30-700 7:00-8:00 8:00-9:00 9:00-17:00	Series 60 Total Gals Crew travel & Blow down the Establish circ Clean out screwivel & clean wash down to tbg. SWIFN Crew travel	Rig Eng Rig Eng Safety mtg. Sig, PU power Sig, W/ full returnate from 5057 Sign out from 61 Sign 8735' tagger	Diesel 10 swivel, RU foans ''- 5999', fell fre 19'-6987', fell f	Pump Eng TIME DI m unit, & circ lin ee, hang back sy free. Hang back clean, lactch on	OSTRIBUTION Operation des. vivel, POOH to 50 swivel, POOH to to 2 nd fish top, N	Ttl Rig & Pump on 057' pull out string 6119' pull sting flo	10 float, RIH to 61 at RIH to 8666	taggged up. PU	swivel &
Hours 5:30-700 7:00-8:00 8:00-9:00 9:00-17:00	Series 60 Total Gals Crew travel & Blow down the Establish circ Clean out screwivel & clean wash down to tbg. SWIFN Crew travel	Rig Eng Rig Eng Safety mtg. Sig, PU power Sig, W/ full returnate from 5057 Sign out from 61 Sign 8735' tagger	Diesel 10 swivel, RU foans ''- 5999', fell fre 19'-6987', fell f	Pump Eng TIME DI m unit, & circ lin ee, hang back sy free. Hang back clean, lactch on	OSTRIBUTION Operation des. vivel, POOH to 50 swivel, POOH to to 2 nd fish top, N	Ttl Rig & Pump on 057' pull out string 6119' pull sting flo	10 float, RIH to 61 at RIH to 8666	taggged up. PU	swivel &
Hours 5:30-700 7:00-8:00 8:00-9:00 9:00-17:00	Series 60 Total Gals Crew travel & Blow down the Establish circ Clean out screwivel & clean wash down to tbg. SWIFN Crew travel	Rig Eng Rig Eng Safety mtg. Sig, PU power Sig, W/ full returnate from 5057 Sign out from 61 Sign 8735' tagger	Diesel 10 swivel, RU foans ''- 5999', fell fre 19'-6987', fell f	Pump Eng TIME DI m unit, & circ lin ee, hang back sy free. Hang back clean, lactch on	OSTRIBUTION Operation des. vivel, POOH to 50 swivel, POOH to to 2 nd fish top, N	Ttl Rig & Pump on 057' pull out string 6119' pull sting flo	10 float, RIH to 61 at RIH to 8666	taggged up. PU	swivel &
Hours 5:30-700 7:00-8:00 8:00-9:00 9:00-17:00	Series 60 Total Gals Crew travel & Blow down the Establish circ Clean out screwivel & clean wash down to tbg. SWIFN Crew travel	Rig Eng Rig Eng Safety mtg. Sig, PU power Sig, W/ full returnate from 5057 Sign out from 61 Sign 8735' tagger	Diesel 10 swivel, RU foans ''- 5999', fell fre 19'-6987', fell f	Pump Eng TIME DI m unit, & circ lin ee, hang back sy free. Hang back clean, lactch on	OSTRIBUTION Operation des. vivel, POOH to 50 swivel, POOH to to 2 nd fish top, N	Ttl Rig & Pump on 057' pull out string 6119' pull sting flo	10 float, RIH to 61 at RIH to 8666	taggged up. PU	swivel &
Hours 5:30-700 7:00-8:00 8:00-9:00 9:00-17:00	Series 60 Total Gals Crew travel & Blow down the Establish circ Clean out screwivel & clean wash down to tbg. SWIFN Crew travel	Rig Eng Rig Eng Safety mtg. Sig, PU power Sig, W/ full returnate from 5057 Sign out from 61 Sign 8735' tagger	Diesel 10 swivel, RU foans ''- 5999', fell fre 19'-6987', fell f	Pump Eng TIME DI m unit, & circ lin ee, hang back sy free. Hang back clean, lactch on	OSTRIBUTION Operation des. vivel, POOH to 50 swivel, POOH to to 2 nd fish top, N	Ttl Rig & Pump on 057' pull out string 6119' pull sting flo	10 float, RIH to 61 at RIH to 8666	taggged up. PU	swivel &
Hours 5:30-700 7:00-8:00 8:00-9:00 9:00-17:00 17:00-18:30	Series 60 Total Gals Crew travel & Blow down the Establish circ Clean out screw wash down to tog. SWIFN Crew travel Note: will fini	Rig Eng Rig Eng Safety mtg. Sig, PU power Sig, W/ full returnate from 5057 Sign out from 61 Sign 8735' tagger	Diesel 10 swivel, RU foans ''- 5999', fell fre 19'-6987', fell f	Pump Eng TIME DI m unit, & circ lin ee, hang back sy free. Hang back clean, lactch on	OSTRIBUTION Operation des. vivel, POOH to 50 swivel, POOH to to 2 nd fish top, N	Ttl Rig & Pump on 057' pull out string 6119' pull sting flo	10 float, RIH to 61 at RIH to 8666	taggged up. PU	swivel &
Hours 5:30-700 7:00-8:00 8:00-9:00 9:00-17:00	Series 60 Total Gals Crew travel & Blow down the Establish circ Clean out screw wash down to tog. SWIFN Crew travel Note: will fini	Rig Eng Rig Eng Safety mtg. Sig, PU power Sig, W/ full returnate from 5057 Sign out from 61 Sign 8735' tagger	Diesel 10 swivel, RU foans ''- 5999', fell fre 19'-6987', fell f	Pump Eng TIME DI m unit, & circ lin ee, hang back sy free. Hang back clean, lactch on	OSTRIBUTION Operation des. vivel, POOH to 50 swivel, POOH to to 2 nd fish top, N ut to bottom.	Ttl Rig & Pump on 057' pull out string 6119' pull sting flo	10 float, RIH to 61 at RIH to 8666	taggged up. PU	swivel &
Hours 5:30-700 7:00-8:00 8:00-9:00 9:00-17:00 17:00-18:30	Series 60 Total Gals Crew travel & Blow down the Establish circ Clean out screw wash down to tog. SWIFN Crew travel Note: will fini	Rig Eng Rig Eng Safety mtg. Sig, PU power Sig, W/ full returnate from 5057 Sign out from 61 Sign 8735' tagger	Diesel 10 swivel, RU foans ''- 5999', fell fre 19'-6987', fell f	Pump Eng TIME DI m unit, & circ lin ee, hang back sy free. Hang back clean, lactch on	OSTRIBUTION Operation des. vivel, POOH to 50 swivel, POOH to to 2 nd fish top, N	Ttl Rig & Pump on 057' pull out string 6119' pull sting flo	10 float, RIH to 61 at RIH to 8666	taggged up. PU	swivel &
Hours 5:30-700 7:00-8:00 8:00-9:00 9:00-17:00 17:00-18:30	Series 60 Total Gals Crew travel & Blow down the Establish circ Clean out screw wash down to tog. SWIFN Crew travel Note: will fini	Rig Eng Rig Eng Safety mtg. Sig, PU power Sig, W/ full returnate from 5057 Sign out from 61 Sign 8735' tagger	Diesel 10 swivel, RU foans ''- 5999', fell fre 19'-6987', fell f	Pump Eng TIME DI m unit, & circ lin ee, hang back sy free. Hang back clean, lactch on	OSTRIBUTION Operation des. vivel, POOH to 50 swivel, POOH to to 2 nd fish top, N ut to bottom.	Ttl Rig & Pump on 057' pull out string 6119' pull sting flo	10 float, RIH to 61 at RIH to 8666	taggged up. PU	swivel &
Hours 5:30-700 7:00-8:00 8:00-9:00 9:00-17:00 17:00-18:30	Series 60 Total Gals Crew travel & Blow down the Establish circ Clean out screw wash down to tog. SWIFN Crew travel Note: will fini	Rig Eng Rig Eng Safety mtg. Sig, PU power Sig, W/ full returnate from 5057 Sign out from 61 Sign 8735' tagger	Diesel 10 swivel, RU foans ''- 5999', fell fre 19'-6987', fell f	Pump Eng TIME DI m unit, & circ lin ee, hang back sy free. Hang back clean, lactch on	OSTRIBUTION Operation des. vivel, POOH to 50 swivel, POOH to to 2 nd fish top, N ut to bottom.	Ttl Rig & Pump on 057' pull out string 6119' pull sting flo	10 float, RIH to 61 at RIH to 8666	taggged up. PU	swivel &
Hours 5:30-700 7:00-8:00 8:00-9:00 9:00-17:00 17:00-18:30	Series 60 Total Gals Crew travel & Blow down the Establish circ Clean out screw wash down to tog. SWIFN Crew travel Note: will fini	Rig Eng Rig Eng Safety mtg. Sig, PU power Co. w/ full returnate from 5057 In out from 61 Safe 8735' tagger	Diesel 10 swivel, RU foans ''- 5999', fell fre 19'-6987', fell f	Pump Eng TIME DI m unit, & circ lin ee, hang back sy free. Hang back clean, lactch on	OSTRIBUTION Operation des. vivel, POOH to 50 swivel, POOH to to 2 nd fish top, N ut to bottom.	Ttl Rig & Pump on 057' pull out string 6119' pull sting flo	10 float, RIH to 61 at RIH to 8666	taggged up. PU	swivel &
Hours 5:30-700 7:00-8:00 8:00-9:00 9:00-17:00 17:00-18:30	Series 60 Total Gals Crew travel & Blow down the Establish circ Clean out screw wash down to tog. SWIFN Crew travel Note: will fini	Rig Eng Rig Eng Safety mtg. Sig, PU power Co. w/ full returnate from 5057 In out from 61 Safe 8735' tagger	Diesel 10 swivel, RU foans ''- 5999', fell fre 19'-6987', fell f	Pump Eng TIME DI m unit, & circ lin ee, hang back sy free. Hang back clean, lactch on	OSTRIBUTION Operation des. vivel, POOH to 50 swivel, POOH to to 2 nd fish top, N ut to bottom.	Ttl Rig & Pump on 057' pull out string 6119' pull sting flo	10 float, RIH to 61 at RIH to 8666	taggged up. PU	swivel &
Hours 5:30-700 7:00-8:00 8:00-9:00 9:00-17:00 17:00-18:30	Series 60 Total Gals Crew travel & Blow down the Establish circ Clean out screw wash down to tog. SWIFN Crew travel Note: will fini	Rig Eng Rig Eng Safety mtg. Sig, PU power Co. w/ full returnate from 5057 In out from 61 Safe 8735' tagger	Diesel 10 swivel, RU foans ''- 5999', fell fre 19'-6987', fell f	Pump Eng TIME DI m unit, & circ lin ee, hang back sy free. Hang back clean, lactch on	OSTRIBUTION Operation des. vivel, POOH to 50 swivel, POOH to to 2 nd fish top, N ut to bottom.	Ttl Rig & Pump on 057' pull out string 6119' pull sting flo	10 float, RIH to 61 at RIH to 8666	taggged up. PU	swivel &

Well:	WHF 107-34				Date:	6/13/2014		Drilled to:	
								Drilled to: Drilled from: (<u> </u>
County/ST:	Uintah, UTA				Days:	6	`amilaa		
Location:	Sec 34, T-10	5, K-19E			Rig:	Conquest Well S	service	Footage: ()
Elevation:	0		DIT DA		Supervisor:	Clark		COCT DATA (UC) (C)
D:+ #	0:	Mala	BIT DA		lata	Cond		COST DATA (US	
Bit #	Size	Make	Туре	Serial #	Jets	Cond	Lasstian	Daily	Cumulative
							Location	++	\$0
	_	_	_				Rig move		\$0
Bit #	In	Out	Feet	Hours	WOB	RPM	Rig	\$6,900	\$35,800
							Fuel	+	\$0
							Camper		\$0
_		T	PUMP D	I		T -	BOPE	\$360	\$2,050
Pump #	Make	Model	Liner	SPM	Rate	Pressure	Bits		\$0
0	0	0	0	0			Air Equip	\$4,000	\$8,200
0	0	0	0	0			Equip rental	\$1,000	\$3,450
0	0	0	0	0			Mud	+	\$0
0	0	0	0	0			Mud Logger	+	\$0
		T	SURVEY	1		1	Trucking	4	\$2,200
Depth	Deviation	Direction	Depth	Deviation	Direction		Water	\$1,000	\$3,000
				-	+		Labor	1	\$0
				-			Supervision	 	\$0
							Core/DST	1	\$0
	1	I	MUD D	1	1	T	Logs	 	\$14,800
Weight	Visc	YP	PV	Gels	WL	Cake	Cement	1	\$0
							Fishing	\$7,816	\$32,931
% Oil	% Water	% Solids	pН	Ca	CI	LCM	Misc	1	\$2,750
							Casing		\$0
AIR	DATA-DRILL	ING		GAS DA	TA-DRILLING		Tubing		\$C
Air Rate	Foam Rate	Foam Mix	Depth	Flare	Duration	Operation	Rods		\$0
							Wellhead		\$C
							TOTAL	\$21,076	\$105,181
					Fuel Usage	 		-	
Rig EngType		HP	Fuel Type	Gallons Used	Pump Eng Typ		HP	Gallon	s Used
			Dianal		Detroit	O! FO/D!	380		
Detroit	Series 60	575	Diesel			Series 50/Diesel			
Detroit	Series 60 Total Gals	5/5 Rig Eng	10	Pump Eng	0	Ttl Rig & Pump			
					0 STRIBUTION	Ttl Rig & Pump			
Hours	Total Gals	Rig Eng			0	Ttl Rig & Pump			
Hours 5:30-7:00	Total Gals Crew travel 8	Rig Eng Rig Eng	10		0 STRIBUTION	Ttl Rig & Pump			
Hours 5:30-7:00 7:00-7:30	Total Gals Crew travel & Blow down &	Rig Eng S safety mtg. kill well w/ 20	10) bbls.	TIME DI	0 STRIBUTION Operation	Ttl Rig & Pump	10		
Hours 5:30-7:00 7:00-7:30 7:30-10:00	Total Gals Crew travel & Blow down & Finish POOF	Rig Eng S safety mtg. kill well w/ 20 H w/ remaining	10) bbls. g 88 Stds. SB f	TIME DI	0 STRIBUTION Operation C's. No fish. Tear	Ttl Rig & Pump	10 d not look like i	t had been touche	ed w/ pipe.
Hours 5:30-7:00 7:00-7:30 7:30-10:00 10:00-12:30	Crew travel & Blow down & Finish POOHRe dress over	Rig Eng S safety mtg. kill well w/ 20 H w/ remainingershot, RIH w/	10 bbls. 88 Stds. SB f	TIME DI	0 STRIBUTION Operation C's. No fish. Tear	Ttl Rig & Pump	10 d not look like i	t had been touche	ed w/ pipe.
Hours 5:30-7:00 7:00-7:30 7:30-10:00 10:00-12:30 12:30-14:00	Crew travel & Blow down & Finish POOHRe dress over Establish circ	Rig Eng Rig Eng Rig Eng Rig Safety mtg. Rill well w/ 20 Rill w/ remaining Rishot, RIH w/ W/ full return	10) bbls. g 88 Stds. SB f same BHA, &	TIME DI	O STRIBUTION Operation C's. No fish. Tear 9 8700'. Stab wash	Ttl Rig & Pump on down overshot, di nington rubber, & F	10 d not look like i		
Hours 5:30-7:00 7:00-7:30 7:30-10:00 10:00-12:30 12:30-14:00	Crew travel & Blow down & Finish POOHRe dress ove Establish circ Wash down to	Rig Eng S safety mtg. Skill well w/ 20 H w/ remainingershot, RIH w/ C w/ full return to 8735', tag u	10 bbls. 88 Stds. SB f same BHA, & s. up hard felt like	ishing tools & D 138 stds tbg. to	OSTRIBUTION Operation C's. No fish. Tear 9 8700'. Stab wash	Ttl Rig & Pump on down overshot, di nington rubber, & F	10 d not look like i U swivel. on pick up. Con		
Hours 5:30-7:00 7:00-7:30 7:30-10:00 10:00-12:30 12:30-14:00 14:00-19:00	Crew travel & Blow down & Finish POOHRe dress ove Establish circ Wash down to 8735'-9108'.	Rig Eng & safety mtg. kill well w/ 20 H w/ remaining ershot, RIH w/ c w/ full return to 8735', tag u Scale is drillir	10 bbls. 88 Stds. SB f same BHA, & s. up hard felt like	ishing tools & D 138 stds tbg. to possibly latche	OSTRIBUTION Operation C's. No fish. Tear 9 8700'. Stab wash	Ttl Rig & Pump on down overshot, di nington rubber, & F	10 d not look like i U swivel. on pick up. Con		
Hours 5:30-7:00 7:00-7:30 7:30-10:00 10:00-12:30 12:30-14:00 14:00-19:00	Crew travel & Blow down & Finish POOHRe dress ove Establish circ Wash down 18735'-9108'.	Rig Eng & safety mtg. kill well w/ 20 H w/ remaining ershot, RIH w/ c w/ full return to 8735', tag u Scale is drillir	10 bbls. 88 Stds. SB f same BHA, & s. up hard felt like	ishing tools & D 138 stds tbg. to possibly latche	OSTRIBUTION Operation C's. No fish. Tear 9 8700'. Stab wash	Ttl Rig & Pump on down overshot, di nington rubber, & F	10 d not look like i U swivel. on pick up. Con		
Hours 5:30-7:00 7:00-7:30 7:30-10:00 10:00-12:30 12:30-14:00 14:00-19:00	Crew travel & Blow down & Finish POOHRe dress over Establish circ Wash down to 8735'-9108'. Circ bottoms SWIFN.	Rig Eng & safety mtg. kill well w/ 20 H w/ remaining ershot, RIH w/ c w/ full return to 8735', tag u Scale is drillir	10 bbls. 88 Stds. SB f same BHA, & s. up hard felt like	ishing tools & D 138 stds tbg. to possibly latche	OSTRIBUTION Operation C's. No fish. Tear 9 8700'. Stab wash	Ttl Rig & Pump on down overshot, di nington rubber, & F	10 d not look like i U swivel. on pick up. Con		
Hours 5:30-7:00 7:00-7:30 7:30-10:00 10:00-12:30 12:30-14:00 14:00-19:00	Crew travel & Blow down & Finish POOHRe dress ove Establish circ Wash down 18735'-9108'.	Rig Eng & safety mtg. kill well w/ 20 H w/ remaining ershot, RIH w/ c w/ full return to 8735', tag u Scale is drillir	10 bbls. 88 Stds. SB f same BHA, & s. up hard felt like	ishing tools & D 138 stds tbg. to possibly latche	OSTRIBUTION Operation C's. No fish. Tear 9 8700'. Stab wash	Ttl Rig & Pump on down overshot, di nington rubber, & F	10 d not look like i U swivel. on pick up. Con		
Hours 5:30-7:00 7:00-7:30 7:30-10:00 10:00-12:30 12:30-14:00 14:00-19:00	Crew travel & Blow down & Finish POOH Re dress over Establish circ Wash down 18735'-9108'. Circ bottoms SWIFN. Crew travel.	Rig Eng R safety mtg. R kill well w/ 20 H w/ remaining ershot, RIH w/ c w/ full return to 8735', tag u Scale is drillir up, Kill tbg, 8	10 bbls. g 88 Stds. SB f same BHA, & s. up hard felt like ng hard. We ha	ishing tools & D 138 stds tbg. to possibly latche ave 400' left to c Stds.	OSTRIBUTION Operation C's. No fish. Tear 8700'. Stab wash d onto fish, not se	Ttl Rig & Pump on down overshot, di nington rubber, & F	10 d not look like i U swivel. on pick up. Con		
Hours 5:30-7:00 7:00-7:30 7:30-10:00 10:00-12:30 12:30-14:00 14:00-19:00	Crew travel & Blow down & Finish POOH Re dress over Establish circ Wash down 18735'-9108'. Circ bottoms SWIFN. Crew travel.	Rig Eng R safety mtg. R kill well w/ 20 H w/ remaining ershot, RIH w/ c w/ full return to 8735', tag u Scale is drillir up, Kill tbg, 8	10 bbls. g 88 Stds. SB f same BHA, & s. up hard felt like ng hard. We ha	ishing tools & D 138 stds tbg. to possibly latche	OSTRIBUTION Operation C's. No fish. Tear 8700'. Stab wash d onto fish, not se	Ttl Rig & Pump on down overshot, di nington rubber, & F	10 d not look like i U swivel. on pick up. Con		
Hours 5:30-7:00 7:00-7:30 7:30-10:00 10:00-12:30 12:30-14:00 14:00-19:00	Crew travel & Blow down & Finish POOH Re dress over Establish circ Wash down 18735'-9108'. Circ bottoms SWIFN. Crew travel.	Rig Eng R safety mtg. R kill well w/ 20 H w/ remaining ershot, RIH w/ c w/ full return to 8735', tag u Scale is drillir up, Kill tbg, 8	10 bbls. g 88 Stds. SB f same BHA, & s. up hard felt like ng hard. We ha	ishing tools & D 138 stds tbg. to possibly latche ave 400' left to c Stds.	OSTRIBUTION Operation C's. No fish. Tear 8700'. Stab wash d onto fish, not se	Ttl Rig & Pump on down overshot, di nington rubber, & F	10 d not look like i U swivel. on pick up. Con		
Hours 5:30-7:00 7:00-7:30 7:30-10:00 10:00-12:30 12:30-14:00 14:00-19:00	Crew travel & Blow down & Finish POOH Re dress over Establish circ Wash down 18735'-9108'. Circ bottoms SWIFN. Crew travel.	Rig Eng R safety mtg. R kill well w/ 20 H w/ remaining ershot, RIH w/ c w/ full return to 8735', tag u Scale is drillir up, Kill tbg, 8	10 bbls. g 88 Stds. SB f same BHA, & s. up hard felt like ng hard. We ha	ishing tools & D 138 stds tbg. to possibly latche ave 400' left to c Stds.	OSTRIBUTION Operation C's. No fish. Tear 8700'. Stab wash d onto fish, not se	Ttl Rig & Pump on down overshot, di nington rubber, & F	10 d not look like i U swivel. on pick up. Con		
Hours 5:30-7:00 7:00-7:30 7:30-10:00 10:00-12:30 12:30-14:00 14:00-19:00	Crew travel & Blow down & Finish POOH Re dress over Establish circ Wash down 18735'-9108'. Circ bottoms SWIFN. Crew travel.	Rig Eng R safety mtg. R kill well w/ 20 H w/ remaining ershot, RIH w/ c w/ full return to 8735', tag u Scale is drillir up, Kill tbg, 8	10 bbls. g 88 Stds. SB f same BHA, & s. up hard felt like ng hard. We ha	ishing tools & D 138 stds tbg. to possibly latche ave 400' left to c Stds.	OSTRIBUTION Operation C's. No fish. Tear 8700'. Stab wash d onto fish, not se	Ttl Rig & Pump on down overshot, di nington rubber, & F	10 d not look like i U swivel. on pick up. Con		
Hours 5:30-7:00 7:00-7:30 7:30-10:00 10:00-12:30 12:30-14:00 14:00-19:00	Crew travel & Blow down & Finish POOH Re dress over Establish circ Wash down 18735'-9108'. Circ bottoms SWIFN. Crew travel.	Rig Eng R safety mtg. R kill well w/ 20 H w/ remaining ershot, RIH w/ c w/ full return to 8735', tag u Scale is drillir up, Kill tbg, 8	10 bbls. g 88 Stds. SB f same BHA, & s. up hard felt like ng hard. We ha	ishing tools & D 138 stds tbg. to possibly latche ave 400' left to c Stds.	OSTRIBUTION Operation C's. No fish. Tear 8700'. Stab wash d onto fish, not se	Ttl Rig & Pump on down overshot, di nington rubber, & F	10 d not look like i U swivel. on pick up. Con		
Hours 5:30-7:00 7:00-7:30 7:30-10:00 10:00-12:30 12:30-14:00 14:00-19:00	Crew travel & Blow down & Finish POOH Re dress over Establish circ Wash down 18735'-9108'. Circ bottoms SWIFN. Crew travel.	Rig Eng R safety mtg. R kill well w/ 20 H w/ remaining ershot, RIH w/ c w/ full return to 8735', tag u Scale is drillir up, Kill tbg, 8	10 bbls. g 88 Stds. SB f same BHA, & s. up hard felt like ng hard. We ha	ishing tools & D 138 stds tbg. to possibly latche ave 400' left to c Stds.	OSTRIBUTION Operation C's. No fish. Tear 8700'. Stab wash d onto fish, not se	Ttl Rig & Pump on down overshot, di nington rubber, & F	10 d not look like i U swivel. on pick up. Con		
Hours 5:30-7:00 7:00-7:30 7:30-10:00 10:00-12:30 12:30-14:00 14:00-19:00 20:00-21:30	Crew travel & Blow down & Finish POOH Re dress over Establish circ Wash down 18735'-9108'. Circ bottoms SWIFN. Crew travel.	Rig Eng R safety mtg. R kill well w/ 20 H w/ remaining ershot, RIH w/ c w/ full return to 8735', tag u Scale is drillir up, Kill tbg, 8	10 bbls. g 88 Stds. SB f same BHA, & s. up hard felt like ng hard. We ha	ishing tools & D 138 stds tbg. to possibly latche ave 400' left to c Stds.	OSTRIBUTION Operation C's. No fish. Tear 8700'. Stab wash d onto fish, not se	Ttl Rig & Pump on down overshot, di nington rubber, & F	10 d not look like i U swivel. on pick up. Con		
Hours 5:30-7:00 7:00-7:30 7:30-10:00 10:00-12:30 12:30-14:00 14:00-19:00	Crew travel & Blow down & Finish POOH Re dress over Establish circ Wash down 18735'-9108'. Circ bottoms SWIFN. Crew travel.	Rig Eng R safety mtg. R kill well w/ 20 H w/ remaining ershot, RIH w/ c w/ full return to 8735', tag u Scale is drillir up, Kill tbg, 8	10 bbls. g 88 Stds. SB f same BHA, & s. up hard felt like ng hard. We ha	ishing tools & D 138 stds tbg. to possibly latche ave 400' left to c Stds.	OSTRIBUTION Operation C's. No fish. Tear 8700'. Stab wash d onto fish, not se	Ttl Rig & Pump on down overshot, di nington rubber, & F	10 d not look like i U swivel. on pick up. Con		
Hours 5:30-7:00 7:00-7:30 7:30-10:00 10:00-12:30 12:30-14:00 14:00-19:00 20:00-21:30 BHA DATA:	Crew travel & Blow down & Finish POOHRe dress over Establish circle Wash down to 8735'-9108'. Circle bottoms SWIFN. Crew travel.	Rig Eng R safety mtg. R kill well w/ 20 H w/ remaining ershot, RIH w/ c w/ full return to 8735', tag u Scale is drillir up, Kill tbg, 8	10 bbls. g 88 Stds. SB f same BHA, & s. up hard felt like ng hard. We ha	ishing tools & D 138 stds tbg. to possibly latche ave 400' left to c Stds.	OSTRIBUTION Operation C's. No fish. Tear 8700'. Stab wash d onto fish, not se	Ttl Rig & Pump on down overshot, di nington rubber, & F	10 d not look like i U swivel. on pick up. Con		
Hours 5:30-7:00 7:00-7:30 7:30-10:00 10:00-12:30 12:30-14:00 14:00-19:00 20:00-21:30	Crew travel & Blow down & Finish POOHRe dress over Establish circle Wash down to 8735'-9108'. Circle bottoms SWIFN. Crew travel.	Rig Eng R safety mtg. R kill well w/ 20 H w/ remaining ershot, RIH w/ c w/ full return to 8735', tag u Scale is drillir up, Kill tbg, 8	10 bbls. g 88 Stds. SB f same BHA, & s. up hard felt like ng hard. We ha	ishing tools & D 138 stds tbg. to possibly latche ave 400' left to c Stds.	STRIBUTION Operation C's. No fish. Tear 8700'. Stab wash d onto fish, not sellean out to get to fi	Ttl Rig & Pump on down overshot, di nington rubber, & F	10 d not look like i U swivel. on pick up. Con		
Hours 5:30-7:00 7:00-7:30 7:30-10:00 10:00-12:30 12:30-14:00 14:00-19:00 20:00-21:30 BHA DATA:	Crew travel & Blow down & Finish POOHRe dress over Establish circle Wash down to 8735'-9108'. Circle bottoms SWIFN. Crew travel.	Rig Eng R safety mtg. R kill well w/ 20 H w/ remaining ershot, RIH w/ c w/ full return to 8735', tag u Scale is drillir up, Kill tbg, 8	10 bbls. g 88 Stds. SB f same BHA, & s. up hard felt like ng hard. We ha	ishing tools & D 138 stds tbg. to possibly latche ave 400' left to c Stds.	OSTRIBUTION Operation C's. No fish. Tear 8700'. Stab wash d onto fish, not se	Ttl Rig & Pump on down overshot, di nington rubber, & F	10 d not look like i U swivel. on pick up. Con		
Hours 5:30-7:00 7:00-7:30 7:30-10:00 10:00-12:30 12:30-14:00 14:00-19:00 20:00-21:30 BHA DATA:	Crew travel & Blow down & Finish POOHRe dress over Establish circle Wash down to 8735'-9108'. Circle bottoms SWIFN. Crew travel.	Rig Eng R safety mtg. R kill well w/ 20 H w/ remaining ershot, RIH w/ c w/ full return to 8735', tag u Scale is drillir up, Kill tbg, 8	10 bbls. g 88 Stds. SB f same BHA, & s. up hard felt like ng hard. We ha	ishing tools & D 138 stds tbg. to possibly latche ave 400' left to c Stds.	STRIBUTION Operation C's. No fish. Tear 8700'. Stab wash d onto fish, not sellean out to get to fi	Ttl Rig & Pump on down overshot, di nington rubber, & F	10 d not look like i U swivel. on pick up. Con		
Hours 5:30-7:00 7:00-7:30 7:30-10:00 10:00-12:30 12:30-14:00 14:00-19:00 20:00-21:30 BHA DATA:	Crew travel & Blow down & Finish POOHRe dress over Establish circle Wash down to 8735'-9108'. Circle bottoms SWIFN. Crew travel.	Rig Eng R safety mtg. R kill well w/ 20 H w/ remaining ershot, RIH w/ c w/ full return to 8735', tag u Scale is drillir up, Kill tbg, 8	10 bbls. g 88 Stds. SB f same BHA, & s. up hard felt like ng hard. We ha	ishing tools & D 138 stds tbg. to possibly latche ave 400' left to c Stds.	STRIBUTION Operation C's. No fish. Tear 8700'. Stab wash d onto fish, not sellean out to get to fi	Ttl Rig & Pump on down overshot, di nington rubber, & F	10 d not look like i U swivel. on pick up. Con		
Hours 5:30-7:00 7:00-7:30 7:30-10:00 10:00-12:30 12:30-14:00 14:00-19:00 20:00-21:30 BHA DATA:	Crew travel & Blow down & Finish POOHRe dress over Establish circle Wash down to 8735'-9108'. Circle bottoms SWIFN. Crew travel.	Rig Eng R safety mtg. R kill well w/ 20 H w/ remaining ershot, RIH w/ c w/ full return to 8735', tag u Scale is drillir up, Kill tbg, 8	10 bbls. g 88 Stds. SB f same BHA, & s. up hard felt like ng hard. We ha	ishing tools & D 138 stds tbg. to possibly latche ave 400' left to c Stds.	STRIBUTION Operation C's. No fish. Tear 8700'. Stab wash d onto fish, not sellean out to get to fi	Ttl Rig & Pump on down overshot, di nington rubber, & F	10 d not look like i U swivel. on pick up. Con		
Hours 5:30-7:00 7:00-7:30 7:30-10:00 10:00-12:30 12:30-14:00 14:00-19:00 20:00-21:30 BHA DATA:	Crew travel & Blow down & Finish POOHRe dress over Establish circle Wash down to 8735'-9108'. Circle bottoms SWIFN. Crew travel.	Rig Eng R safety mtg. R kill well w/ 20 H w/ remaining ershot, RIH w/ c w/ full return to 8735', tag u Scale is drillir up, Kill tbg, 8	10 bbls. g 88 Stds. SB f same BHA, & s. up hard felt like ng hard. We ha	ishing tools & D 138 stds tbg. to possibly latche ave 400' left to c Stds.	STRIBUTION Operation C's. No fish. Tear 8700'. Stab wash d onto fish, not sellean out to get to fi	Ttl Rig & Pump on down overshot, di nington rubber, & F	10 d not look like i U swivel. on pick up. Con		
Hours 5:30-7:00 7:00-7:30 7:30-10:00 10:00-12:30 12:30-14:00 14:00-19:00 20:00-21:30 BHA DATA:	Crew travel & Blow down & Finish POOHRe dress over Establish circle Wash down to 8735'-9108'. Circle bottoms SWIFN. Crew travel.	Rig Eng R safety mtg. R kill well w/ 20 R w/ remaining Pershot, RIH w/ C w/ full return To 8735', tag u Scale is drillir up, Kill tbg, 8	10 bbls. g 88 Stds. SB f same BHA, & s. up hard felt like ng hard. We ha	ishing tools & D 138 stds tbg. to possibly latche ave 400' left to c Stds.	STRIBUTION Operation C's. No fish. Tear 8700'. Stab wash d onto fish, not sellean out to get to fi	Ttl Rig & Pump on down overshot, di nington rubber, & F	10 d not look like i U swivel. on pick up. Con		

Well:	WHF 107-34		VIII LAI		Date:	6/16/2014		Drilled to:	
County/ST:	Uintah, UTA					7		Drilled to: Drilled from: (1
Location:					Days:	Conquest Well S	Som does		
	Sec 34, T-10	5, K-19E			Rig:	•	service	Footage: 0	1
Elevation:	0		DIT DA	T A	Supervisor:	Clark		COST DATA (US	· • · · · · · · · · · · · · · · · · · ·
D:+ #	0:	Mala	BIT DA		lata	Osaad		COST DATA (US	<u>-</u>
Bit #	Size	Make	Туре	Serial #	Jets	Cond	1 6	Daily	Cumulative
							Location	+	\$(
			_				Rig move	4	\$
Bit #	ln	Out	Feet	Hours	WOB	RPM	Rig	\$6,000	\$41,80
							Fuel		\$
							Camper		\$
	•		PUMP D		-	•	BOPE	\$360	\$2,41
Pump #	Make	Model	Liner	SPM	Rate	Pressure	Bits		\$
0	0	0	0	0			Air Equip	\$4,000	\$12,20
0	0	0	0	0			Equip rental		\$3,45
0	0	0	0	0			Mud		\$(
0	0	0	0	0			Mud Logger		\$(
			SURVEY	DATA			Trucking		\$2,20
Depth	Deviation	Direction	Depth	Deviation	Direction		Water	\$1,000	\$4,00
							Labor		\$(
							Supervision		\$
							Core/DST		\$(
			MUD DA	ATA			Logs		\$14,800
Weight	Visc	YP	PV	Gels	T WL	Cake	Cement		\$(
· · · · · · · · · · · · · · · · · · ·	V100			00.0	***	Carto	Fishing	\$11,040	\$43,97
% Oil	% Water	% Solids	pН	Ca	CI	LCM	Misc	Ψ11,040	\$2,750
76 OII	76 Water	76 301lus	рп	Ca		LOW		+	\$(
AID	L DATA-DRILL	ING		CASDA	 TA-DRILLING		Casing	+	
			Donth			Operation	Tubing		\$0 \$0
Air Rate	Foam Rate	Foam Mix	Depth	Flare	Duration	Operation	Rods	+	
							Wellhead	DOD 100	\$(
							TOTAL	\$22,400	\$127,581
D:	NA - 1 - 1			0-1111	Fuel Usage		l	0-11	- 111
Rig EngType		HP	Fuel Type	Gallons Used	Pump Eng Typ		HP	Gallon	s Used
Detroit	Series 60	575	Diesel	Dumn Fna	Detroit	Series 50/Diesel			
	Total Gals	Rig Eng	10	Pump Eng	0	Ttl Rig & Pump	10		
				TIME DI	STRIBUTION				
	I				Operatio	n			
Hours						<u> </u>			
5:30-7:00	Crew travel 8								
5:30-7:00 7:00-8:30	Blow down th	g & pump 15			el up, RU foam uni	t, establish circ. w			
5:30-7:00 7:00-8:30 8:30-11:00	Blow down the Clean out sca	g & pump 15 ale from 9108	' - 9466'. Tagg	ed up solid. Late	el up, RU foam uni ch onto fish top, se	t, establish circ. w			
5:30-7:00 7:00-8:30 8:30-11:00 11:00-12:00	Blow down the Clean out scan Circ bottoms	og & pump 15 ale from 9108 up. Swivel do	' - 9466'. Tagg own & prepare	ed up solid. Late to POOH	ch onto fish top, se	t, establish circ. w et jars off twice & բ	oulled free.		
5:30-7:00 7:00-8:30 8:30-11:00 11:00-12:00 12:00-15:00	Blow down the Clean out scan Circ bottoms POOH w/ 15	ng & pump 15 ale from 9108 up. Swivel do O Stds 2 3/8"	' - 9466'. Tagg own & prepare tbg,well came	ed up solid. Late to POOH		t, establish circ. w et jars off twice & բ	oulled free.	wind. LD 10 jts of	fish.
5:30-7:00 7:00-8:30 8:30-11:00 11:00-12:00 12:00-15:00 15:00-16:30	Blow down the Clean out sca Circ bottoms POOH w/ 150 LD 4-DC's, b	ng & pump 15 ale from 9108 up. Swivel do O Stds 2 3/8" f reak out & LD	' - 9466'. Tagg own & prepare tbg,well came a ofishing tools.	ed up solid. Late to POOH around twice on	ch onto fish top, se trip out, SB DC's,	t, establish circ. w et jars off twice & բ	oulled free.	wind. LD 10 jts of	fish.
5:30-7:00 7:00-8:30 8:30-11:00 11:00-12:00 12:00-15:00 15:00-16:30	Blow down to Clean out sca Circ bottoms POOH w/ 15 LD 4-DC's, b PU 3 7/8" bit,	ng & pump 15 ale from 9108 up. Swivel do O Stds 2 3/8" f reak out & LD	' - 9466'. Tagg own & prepare tbg,well came a ofishing tools.	ed up solid. Late to POOH	ch onto fish top, se trip out, SB DC's,	t, establish circ. w et jars off twice & բ	oulled free.	wind. LD 10 jts of	fish.
5:30-7:00 7:00-8:30 8:30-11:00 11:00-12:00 12:00-15:00 15:00-16:30 16:30-18:00	Blow down to Clean out sca Circ bottoms POOH w/ 15 LD 4-DC's, b PU 3 7/8" bit, SWIFN	ng & pump 15 ale from 9108 up. Swivel do O Stds 2 3/8" f reak out & LD	' - 9466'. Tagg own & prepare tbg,well came a ofishing tools.	ed up solid. Late to POOH around twice on	ch onto fish top, se trip out, SB DC's,	t, establish circ. w et jars off twice & բ	oulled free.	wind. LD 10 jts of	fish.
5:30-7:00 7:00-8:30 8:30-11:00 11:00-12:00 12:00-15:00 15:00-16:30 16:30-18:00	Blow down to Clean out sca Circ bottoms POOH w/ 15 LD 4-DC's, b PU 3 7/8" bit,	ng & pump 15 ale from 9108 up. Swivel do O Stds 2 3/8" f reak out & LD	' - 9466'. Tagg own & prepare tbg,well came a ofishing tools.	ed up solid. Late to POOH around twice on	ch onto fish top, se trip out, SB DC's,	t, establish circ. w et jars off twice & բ	oulled free.	wind. LD 10 jts of	fish.
5:30-7:00 7:00-8:30 8:30-11:00 11:00-12:00 12:00-15:00 15:00-16:30 16:30-18:00	Blow down to Clean out sca Circ bottoms POOH w/ 15 LD 4-DC's, b PU 3 7/8" bit, SWIFN Crew travel	ng & pump 15 ale from 9108 up. Swivel do 0 Stds 2 3/8" f reak out & LD bit sub, & RI	' - 9466'. Tagg own & prepare tbg,well came : o fishing tools. H w/ 75 stds. L	ed up solid. Late to POOH around twice on eaving EOT @	ch onto fish top, se trip out, SB DC's,	t, establish circ. w et jars off twice & բ	oulled free.	wind. LD 10 jts of	fish.
5:30-7:00 7:00-8:30 8:30-11:00 11:00-12:00 12:00-15:00 15:00-16:30 16:30-18:00	Blow down to Clean out sca Circ bottoms POOH w/ 15 LD 4-DC's, b PU 3 7/8" bit, SWIFN Crew travel	ng & pump 15 ale from 9108 up. Swivel do 0 Stds 2 3/8" f reak out & LD bit sub, & RI	' - 9466'. Tagg own & prepare tbg,well came a ofishing tools.	ed up solid. Late to POOH around twice on eaving EOT @	ch onto fish top, se trip out, SB DC's,	t, establish circ. w et jars off twice & բ	oulled free.	wind. LD 10 jts of	fish.
5:30-7:00 7:00-8:30 8:30-11:00 11:00-12:00 12:00-15:00 15:00-16:30 16:30-18:00	Blow down to Clean out sca Circ bottoms POOH w/ 15 LD 4-DC's, b PU 3 7/8" bit, SWIFN Crew travel	ng & pump 15 ale from 9108 up. Swivel do 0 Stds 2 3/8" f reak out & LD bit sub, & RI	' - 9466'. Tagg own & prepare tbg,well came : o fishing tools. H w/ 75 stds. L	ed up solid. Late to POOH around twice on eaving EOT @	ch onto fish top, se trip out, SB DC's,	t, establish circ. w et jars off twice & բ	oulled free.	wind. LD 10 jts of	fish.
5:30-7:00 7:00-8:30 8:30-11:00 11:00-12:00 12:00-15:00 15:00-16:30 16:30-18:00	Blow down to Clean out sca Circ bottoms POOH w/ 15 LD 4-DC's, b PU 3 7/8" bit, SWIFN Crew travel	ng & pump 15 ale from 9108 up. Swivel do 0 Stds 2 3/8" f reak out & LD bit sub, & RI	' - 9466'. Tagg own & prepare tbg,well came : o fishing tools. H w/ 75 stds. L	ed up solid. Late to POOH around twice on eaving EOT @	ch onto fish top, se trip out, SB DC's,	t, establish circ. w et jars off twice & բ	oulled free.	wind. LD 10 jts of	fish.
5:30-7:00 7:00-8:30 8:30-11:00 11:00-12:00 12:00-15:00 15:00-16:30 16:30-18:00	Blow down to Clean out sca Circ bottoms POOH w/ 15 LD 4-DC's, b PU 3 7/8" bit, SWIFN Crew travel	ng & pump 15 ale from 9108 up. Swivel do 0 Stds 2 3/8" f reak out & LD bit sub, & RI	' - 9466'. Tagg own & prepare tbg,well came : o fishing tools. H w/ 75 stds. L	ed up solid. Late to POOH around twice on eaving EOT @	ch onto fish top, se trip out, SB DC's,	t, establish circ. w et jars off twice & բ	oulled free.	wind. LD 10 jts of	fish.
5:30-7:00 7:00-8:30 8:30-11:00 11:00-12:00 12:00-15:00 15:00-16:30 16:30-18:00	Blow down to Clean out sca Circ bottoms POOH w/ 15 LD 4-DC's, b PU 3 7/8" bit, SWIFN Crew travel	ng & pump 15 ale from 9108 up. Swivel do 0 Stds 2 3/8" f reak out & LD bit sub, & RI	' - 9466'. Tagg own & prepare tbg,well came : o fishing tools. H w/ 75 stds. L	ed up solid. Late to POOH around twice on eaving EOT @	ch onto fish top, se trip out, SB DC's,	t, establish circ. w et jars off twice & բ	oulled free.	wind. LD 10 jts of	fish.
5:30-7:00 7:00-8:30 8:30-11:00 11:00-12:00 12:00-15:00 15:00-16:30 16:30-18:00	Blow down to Clean out sca Circ bottoms POOH w/ 15 LD 4-DC's, b PU 3 7/8" bit, SWIFN Crew travel	ng & pump 15 ale from 9108 up. Swivel do 0 Stds 2 3/8" f reak out & LD bit sub, & RI	' - 9466'. Tagg own & prepare tbg,well came : o fishing tools. H w/ 75 stds. L	ed up solid. Late to POOH around twice on eaving EOT @	ch onto fish top, se trip out, SB DC's,	t, establish circ. w et jars off twice & բ	oulled free.	wind. LD 10 jts of	fish.
5:30-7:00 7:00-8:30 8:30-11:00 11:00-12:00 12:00-15:00 15:00-16:30 16:30-18:00	Blow down to Clean out sca Circ bottoms POOH w/ 15 LD 4-DC's, b PU 3 7/8" bit, SWIFN Crew travel	ng & pump 15 ale from 9108 up. Swivel do 0 Stds 2 3/8" f reak out & LD bit sub, & RI	' - 9466'. Tagg own & prepare tbg,well came : o fishing tools. H w/ 75 stds. L	ed up solid. Late to POOH around twice on eaving EOT @	ch onto fish top, se trip out, SB DC's,	t, establish circ. w et jars off twice & բ	oulled free.	wind. LD 10 jts of	fish.
5:30-7:00 7:00-8:30 8:30-11:00 11:00-12:00 12:00-15:00 15:00-16:30 16:30-18:00	Blow down to Clean out sca Circ bottoms POOH w/ 15 LD 4-DC's, b PU 3 7/8" bit, SWIFN Crew travel	ng & pump 15 ale from 9108 up. Swivel do 0 Stds 2 3/8" f reak out & LD bit sub, & RI	' - 9466'. Tagg own & prepare tbg,well came : o fishing tools. H w/ 75 stds. L	ed up solid. Late to POOH around twice on eaving EOT @	ch onto fish top, se trip out, SB DC's,	t, establish circ. w et jars off twice & բ	oulled free.	wind. LD 10 jts of	fish.
5:30-7:00 7:00-8:30 8:30-11:00 11:00-12:00 12:00-15:00 15:00-16:30 16:30-18:00	Blow down to Clean out sca Circ bottoms POOH w/ 15 LD 4-DC's, b PU 3 7/8" bit, SWIFN Crew travel	ng & pump 15 ale from 9108 up. Swivel do 0 Stds 2 3/8" f reak out & LD bit sub, & RI	' - 9466'. Tagg own & prepare tbg,well came : o fishing tools. H w/ 75 stds. L	ed up solid. Late to POOH around twice on eaving EOT @	ch onto fish top, se trip out, SB DC's,	t, establish circ. w et jars off twice & բ	oulled free.	wind. LD 10 jts of	fish.
5:30-7:00 7:00-8:30 8:30-11:00 11:00-12:00 12:00-15:00 15:00-16:30 16:30-18:00	Blow down to Clean out sca Circ bottoms POOH w/ 15 LD 4-DC's, b PU 3 7/8" bit, SWIFN Crew travel	ng & pump 15 ale from 9108 up. Swivel do 0 Stds 2 3/8" f reak out & LD bit sub, & RI	' - 9466'. Tagg own & prepare tbg,well came : o fishing tools. H w/ 75 stds. L	ed up solid. Late to POOH around twice on eaving EOT @	ch onto fish top, se trip out, SB DC's,	t, establish circ. w et jars off twice & բ	oulled free.	wind. LD 10 jts of	fish.
5:30-7:00 7:00-8:30 8:30-11:00 11:00-12:00 12:00-15:00 15:00-16:30 16:30-18:00 18:00-19:30	Blow down to Clean out sca Circ bottoms POOH w/ 15i LD 4-DC's, b PU 3 7/8" bit, SWIFN Crew travel	ng & pump 15 ale from 9108 up. Swivel do 0 Stds 2 3/8" f reak out & LD bit sub, & RI	' - 9466'. Tagg own & prepare tbg,well came : o fishing tools. H w/ 75 stds. L	ed up solid. Late to POOH around twice on eaving EOT @	ch onto fish top, se trip out, SB DC's,	t, establish circ. w et jars off twice & բ	oulled free.	wind. LD 10 jts of	fish.
5:30-7:00 7:00-8:30 8:30-11:00 11:00-12:00 12:00-15:00 15:00-16:30 16:30-18:00	Blow down to Clean out sca Circ bottoms POOH w/ 15i LD 4-DC's, b PU 3 7/8" bit, SWIFN Crew travel	ng & pump 15 ale from 9108 up. Swivel do 0 Stds 2 3/8" f reak out & LD bit sub, & RI	' - 9466'. Tagg own & prepare tbg,well came : o fishing tools. H w/ 75 stds. L	ed up solid. Late to POOH around twice on eaving EOT @	ch onto fish top, se trip out, SB DC's,	t, establish circ. w et jars off twice & բ	oulled free.	wind. LD 10 jts of	fish.
5:30-7:00 7:00-8:30 8:30-11:00 11:00-12:00 12:00-15:00 15:00-16:30 16:30-18:00 18:00-19:30	Blow down to Clean out sca Circ bottoms POOH w/ 15i LD 4-DC's, b PU 3 7/8" bit, SWIFN Crew travel	ng & pump 15 ale from 9108 up. Swivel do 0 Stds 2 3/8" f reak out & LD bit sub, & RI	' - 9466'. Tagg own & prepare tbg,well came : o fishing tools. H w/ 75 stds. L	ed up solid. Late to POOH around twice on eaving EOT @	ch onto fish top, set trip out, SB DC's, 4706'.	t, establish circ. w et jars off twice & բ	oulled free.	wind. LD 10 jts of	fish.
5:30-7:00 7:00-8:30 8:30-11:00 11:00-12:00 12:00-15:00 15:00-16:30 16:30-18:00 18:00-19:30	Blow down to Clean out sca Circ bottoms POOH w/ 15i LD 4-DC's, b PU 3 7/8" bit, SWIFN Crew travel	ng & pump 15 ale from 9108 up. Swivel do 0 Stds 2 3/8" f reak out & LD bit sub, & RI	' - 9466'. Tagg own & prepare tbg,well came : o fishing tools. H w/ 75 stds. L	ed up solid. Late to POOH around twice on eaving EOT @	ch onto fish top, set trip out, SB DC's, 4706'.	t, establish circ. w et jars off twice & բ	oulled free.	wind. LD 10 jts of	fish.
5:30-7:00 7:00-8:30 8:30-11:00 11:00-12:00 12:00-15:00 15:00-16:30 16:30-18:00 18:00-19:30	Blow down to Clean out sca Circ bottoms POOH w/ 15i LD 4-DC's, b PU 3 7/8" bit, SWIFN Crew travel	ng & pump 15 ale from 9108 up. Swivel do 0 Stds 2 3/8" f reak out & LD bit sub, & RI	' - 9466'. Tagg own & prepare tbg,well came : o fishing tools. H w/ 75 stds. L	ed up solid. Late to POOH around twice on eaving EOT @	ch onto fish top, set trip out, SB DC's, 4706'.	t, establish circ. w et jars off twice & բ	oulled free.	wind. LD 10 jts of	fish.
5:30-7:00 7:00-8:30 8:30-11:00 11:00-12:00 12:00-15:00 15:00-16:30 16:30-18:00 18:00-19:30	Blow down to Clean out sca Circ bottoms POOH w/ 15i LD 4-DC's, b PU 3 7/8" bit, SWIFN Crew travel	ng & pump 15 ale from 9108 up. Swivel do 0 Stds 2 3/8" f reak out & LD bit sub, & RI	' - 9466'. Tagg own & prepare tbg,well came : o fishing tools. H w/ 75 stds. L	ed up solid. Late to POOH around twice on eaving EOT @	ch onto fish top, set trip out, SB DC's, 4706'.	t, establish circ. w et jars off twice & բ	oulled free.	wind. LD 10 jts of	fish.
5:30-7:00 7:00-8:30 8:30-11:00 11:00-12:00 12:00-15:00 15:00-16:30 16:30-18:00 18:00-19:30	Blow down to Clean out sca Circ bottoms POOH w/ 15i LD 4-DC's, b PU 3 7/8" bit, SWIFN Crew travel	ng & pump 15 ale from 9108 up. Swivel do 0 Stds 2 3/8" f reak out & LD bit sub, & RI	' - 9466'. Tagg own & prepare tbg,well came : o fishing tools. H w/ 75 stds. L	ed up solid. Late to POOH around twice on eaving EOT @	ch onto fish top, set trip out, SB DC's, 4706'.	t, establish circ. w et jars off twice & բ	oulled free.	wind. LD 10 jts of	fish.
5:30-7:00 7:00-8:30 8:30-11:00 11:00-12:00 12:00-15:00 15:00-16:30 16:30-18:00 18:00-19:30	Blow down to Clean out sca Circ bottoms POOH w/ 15i LD 4-DC's, b PU 3 7/8" bit, SWIFN Crew travel	ng & pump 15 ale from 9108 up. Swivel do 0 Stds 2 3/8" f reak out & LD bit sub, & RI	' - 9466'. Tagg own & prepare tbg,well came : o fishing tools. H w/ 75 stds. L	ed up solid. Late to POOH around twice on eaving EOT @	ch onto fish top, set trip out, SB DC's, 4706'.	t, establish circ. w et jars off twice & բ	oulled free.	wind. LD 10 jts of	fish.

County/ST: Unitah, UTAH Location: Sec 34, T-10S, R-19E Rig: Supervisor: Conquest Well Service Footage: 0 BIT DATA Cost DATA (USS) Bit # Size Make Type Serial # Jets Cond Daily Cumulative Bit # In Out Feet Hours WOB RPM Rig \$5,800 \$47,800 Bit # In Out Feet Hours WOB RPM Rig \$5,800 \$47,800 Bit # In Out Feet Hours WOB RPM Rig \$5,800 \$47,800 Pump # Make Model Liner SPM Rate Pressure Bits BIT Equip \$4,000 \$16,000 \$4,000 \$16,000 \$4,000 \$16,000 \$4,000 \$4,000 \$4,000 \$4,000 \$4,000 \$4,000 \$4,000 \$4,000 \$4,000 \$4,000 \$4,000 \$4,000 \$4,000 \$4,000 \$4,000 \$4,000 \$4,00	Well:	WHF 107-34		v. i =/\		Date:	6/17/2014		Drilled to:	
Decision Suc 34, T-195, R-19E Rig:										
BIT DATA	•					•		Name of a la		
Bit # Size			5, K-19E				•	service	rootage: 0	
Bit # Size Make Type Serial # Jels Cond Condon Daily Cumulative	Elevation:	U		DIT DA	T.A.	Supervisor:	Ciark		COST DATA (US	c)
Bit # In	D:+ #	C:	Moke			loto	Cond		<u> </u>	
Bit #	DIL#	Size	iviake	Туре	Senai #	Jeis	Cond	Location	Daily	
Bit # N						+			+	\$(\$(
Fuel	D:+ #	l e	0.4	Foot	Llauwa	WOD	DDM		ФE 000	
Pump pt	Bit #	In	Out	Feet	Hours	WOB	RPIVI		\$5,800	
PUMP Make Model Liner SPM Rate Pressure Bits						+				\$(\$(
Pump # Make				BUMBB	<u> </u> 				\$260	
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	D	Moke	Madal			Doto	Dunnanium		\$360	\$2,770
O	•					Rate	Pressure		£4.000	\$10.00
O						+		<u> </u>		
O						+			\$1,000	\$4,450
Depth Deviation Direction Depth Deviation Direction Direction Water \$1,000 \$5,						+			+	\$(
Depth	U	0	U						+	\$0
March Marc	Danth	Daviation	Dinastias			Dinastian	T		£4.000	\$2,200
MUD DATA	Depth	Deviation	Direction	Depth	Deviation	Direction			\$1,000	\$5,000
MUDDATA Logs \$14,						+			+	\$0
Weight Visc YP PV Gels WL Cake Cement						+			+	\$0
Weight										\$(
% Oil % Water % Solids pH Ca CI LCM Misc \$2, Casing \$2, AIR DATA-DRILLING Tubing Tubing Air Rate Foam Rate Foam Mix Depth Flare Duration Operation Rods Welfhead ToTAL \$12,160 \$139, Fuel Usage ToTAL \$12,160 \$139, Fuel Usage ToTAL \$12,160 \$139, Fuel Usage Total Gals Rig Eng 10 Pump Eng Type Model HP Gallons Used Detroit Series 60 575 Diesel Detroit Series 50/Diesel 380 Total Gals Rig Eng 10 Pump Eng 0 Ttl Rig & Pump 10 TIME DISTRIBUTION Hours 5:307:00 Crew travel & safety mtg. 7:00-7:30 Blow down well & pump 20 bbl kill. 7:30-8:30 Finish RiH w/ 75 Stds, PU 8 jts tag up @ 9715. 8:30-11:00 Swivel up, start up foam unit, establish circ w/ full returns. 13:00-14:00 Crew travel & Safety Mig. 7:00-16:00 Swivel down, kill tbg, POOH w/ 25 Stds leaving EOT @ 8439'. RU flowline to leave csg open to tank overnight. BHA DATA: OPERATION @ 6 AM:		I .,,	\/ D				T a.	_		\$14,800
Solid Water Water Solids pH Ca Cl LCM Misc S2,	Weight	Visc	YP	PV	Gels	WL	Cake			\$(
AIR DATA-DRILLING AIR Rate Foam Rate Foam Mix Depth Flare Duration Operation Rods Air Rate Foam Rate Foam Mix Depth Flare Duration Operation Rods Wellhead TOTAL \$12,160 \$139, Fuel Usage Rig EngType Model HP Fuel Type Gallons Used Pump Eng Type Model HP Gallons Used Detroit Series 60 575 Diesel Detroit Series 50/Diesel 380 Total Gals Rig Eng 10 Pump Eng 0 Til Rig & Pump 10 TIME DISTRIBUTION Hours TIME DISTRIBUTION Operation 5:30-7:00 Crew travel & safety mtg. 7:00-7:30 Blow down well & pump 20 bbl kill. 7:30-8:30 Finish RIH w/ 75 Stds, PU 8 jis tag up @ 9715. 3:30-11:00 Swivel up, start up foam unit, establish circ w/ full returns. 13:00-14:00 Circ hole clean. 14:00-15:00 Swivel down, kill tbg, POOH w/ 25 Stds leaving EOT @ 8439'. RU flowline to leave csg open to tank overnight. Note: Left csg flowing to tank overnight. Will RIH to tag for fill in AM. BHA DATA: OPERATION @ 6 AM:										\$43,97
Air Rate Foam Rate Foam Mix Depth Flare Duration Operation Rods Wellhead Wellhead Wellhead Purpse Gallons Used Pump Eng Type Model HP Gallons Used Detroit Series 60 575 Diesel Pump Eng Type Detroit Series 50/Diesel 380 Total Gals Rig Eng 10 Pump Eng 0 Til Rig & Pump 10 Til Rig & Pu	% Oil	% Water	% Solids	pН	Ca	CI	LCM			\$2,750
Air Rate Foam Rate Foam Mix Depth Flare Duration Operation Rods Wellhead Wellhead International Plants of the Plan										\$0
Fuel Usage Rig EngType Model HP Fuel Type Gallons Used Pump Eng Type Model HP Gallons Used Detroit Series 60 575 Diesel Detroit Series 50/Diesel 380 Total Gals Rig Eng 10 Pump Eng 0 Titl Rig & Pump 10 Hours Operation 5:30-7:00 Crew travel & safety mtg. 7:00-7:30 Blow down well & pump 20 bbl kill. 7:30-8:30 Finish RIH w/ 75 Stds, PU 8 jts tag up @ 9715'. 8:30-11:00 Swivel up, start up foam unit, establish circ w/ full returns. 11:00-13:00 Circ hole clean. 14:00-15:00 Swivel down, kill tbg, POOH w/ 25 Stds leaving EOT @ 8439'. RU flowline to leave csg open to tank overnight. 15:00-16:30 Crew travel. BHA DATA: OPERATION @ 6 AM:							T			\$0
Fuel Usage Rig EngType Model HP Fuel Type Gallons Used Pump Eng Type Model HP Gallons Used Detroit Series 60 575 Diesel Detroit Series 50/Diesel 380 Total Gals Rig Eng 10 Pump Eng 0 Ttl Rig & Pump 10 TIME DISTRIBUTION Hours Operation 5:30-7:00 Crew travel & safety mtg. 7:00-7:30 Blow down well & pump 20 bbl kill. 7:30-8:30 Finish RIH w/ 75 Stds, PU 8 its tag up @ 9715: 3:30-11:00 Swivel up, start up foam unit, establish circ w/ full returns. 11:00-13:00 Clean out from 9715'- 10,014' KB, sand & scale in returns. 13:00-14:00 Circ hole clean. 14:00-15:00 Swivel down, kill tbg, POOH w/ 25 Stds leaving EOT @ 8439'. RU flowline to leave csg open to tank overnight. Note: Left csg flowing to tank overnight. Will RIH to tag for fill in AM.	Air Rate	Foam Rate	Foam Mix	Depth	Flare	Duration	Operation			\$0
Rig EngType Model HP Fuel Type Gallons Used Pump Eng Type Model HP Gallons Used Detroit Series 60 575 Diesel Detroit Series 50/Diesel 380 Total Gals Rig Eng 10 Pump Eng 0 Ttl Rig & Pump 10 TIME DISTRIBUTION Hours Survey & Safety mtg. 7:00-7:30 Blow down well & pump 20 bbl kill. 7:30-8:30 Finish RIH w/ 75 Stds, PU B jits tag up @ 9715'. 8:30-11:00 Swivel up, start up foam unit, establish circ w/ full returns. 11:00-13:00 Clean out from 9715'- 10,014' KB, sand & scale in returns. 13:00-14:00 Circ hole clean. 14:00-15:00 Swivel down, kill tbg, POOH w/ 25 Stds leaving EOT @ 8439'. RU flowline to leave csg open to tank overnight. Note: Left csg flowing to tank overnight. Will RIH to tag for fill in AM.										\$0
Rig EngType								TOTAL	\$12,160	\$139,741
Detroit Series 60 575 Diesel Detroit Series 50/Diesel 380		T		T	T		T		1	
Total Gals Rig Eng 10 Pump Eng 0 Ttl Rig & Pump 10 TIME DISTRIBUTION Hours S:30-7:00 Crew travel & safety mtg. 7:00-7:30 Blow down well & pump 20 bbl kill. 7:30-8:30 Finish RIH w/ 75 Stds, PU 8 jts tag up @ 9715'. 8:30-11:00 Swivel up, start up foam unit, establish circ wf full returns. 11:00-13:00 Clean out from 9715'- 10,014' KB, sand & scale in returns. 13:00-14:00 Circ hole clean. 14:00-15:00 Swivel down, kill tbg, POOH w/ 25 Stds leaving EOT @ 8439'. RU flowline to leave csg open to tank overnight. 15:00-16:30 Crew travel. Note: Left csg flowing to tank overnight. Will RIH to tag for fill in AM. BHA DATA: OPERATION @ 6 AM:					Gallons Used				Gallon	s Used
Hours Operation 5:30-7:00 Crew travel & safety mtg. 7:00-7:30 Blow down well & pump 20 bbl kill. 7:30-8:30 Finish RIH w/ 75 Stds, PU 8 jts tag up @ 9715'. 8:30-11:00 Swivel up, start up foam unit, establish circ w/ full returns. 11:00-13:00 Clean out from 9715'- 10,014' KB, sand & scale in returns. 13:00-14:00 Circ hole clean. 14:00-15:00 Swivel down, kill tbg, POOH w/ 25 Stds leaving EOT @ 8439'. RU flowline to leave csg open to tank overnight. 15:00-16:30 Crew travel. Note: Left csg flowing to tank overnight. Will RIH to tag for fill in AM. BHA DATA: OPERATION @ 6 AM:	Detroit									
Hours 5:30-7:00 Crew travel & safety mtg. 7:00-7:30 Blow down well & pump 20 bbl kill. 7:30-8:30 Finish RIH w/ 75 Stds, PU 8 jts tag up @ 9715'. 8:30-11:00 Swivel up, start up foam unit, establish circ w/ full returns. 11:00-13:00 Clean out from 9715'- 10,014' KB, sand & scale in returns. 13:00-14:00 Circ hole clean. 14:00-15:00 Swivel down, kill tbg, POOH w/ 25 Stds leaving EOT @ 8439'. RU flowline to leave csg open to tank overnight. 15:00-16:30 Crew travel. Note: Left csg flowing to tank overnight. Will RIH to tag for fill in AM.		Total Gals	Rig Eng	10	***************************************		Ttl Rig & Pump	10		
5:30-7:00 Crew travel & safety mtg. 7:00-7:30 Blow down well & pump 20 bbl kill. 7:30-8:30 Finish RIH w/ 75 Stds, PU 8 jts tag up @ 9715'. 8:30-11:00 Swivel up, start up foam unit, establish circ w/ full returns. 11:00-13:00 Clean out from 9715'- 10,014' KB, sand & scale in returns. 13:00-14:00 Circ hole clean. 14:00-15:00 Swivel down, kill tbg, POOH w/ 25 Stds leaving EOT @ 8439'. RU flowline to leave csg open to tank overnight. 15:00-16:30 Crew travel. Note: Left csg flowing to tank overnight. Will RIH to tag for fill in AM. BHA DATA: OPERATION @ 6 AM:		T			TIME DI					
7:00-7:30 Blow down well & pump 20 bbl kill. 7:30-8:30 Finish RIH w/ 75 Stds, PU 8 jts tag up @ 9715'. 8:30-11:00 Swivel up, start up foam unit, establish circ w/ full returns. 11:00-13:00 Clean out from 9715'- 10,014' KB, sand & scale in returns. 13:00-14:00 Circ hole clean. 14:00-15:00 Swivel down, kill tbg, POOH w/ 25 Stds leaving EOT @ 8439'. RU flowline to leave csg open to tank overnight. 15:00-16:30 Crew travel. Note: Left csg flowing to tank overnight. Will RIH to tag for fill in AM. Note: Left csg flowing to tank overnight. Will RIH to tag for fill in AM.	Hours					Operation	n			
7:30-8:30 Finish RIH w/ 75 Stds, PU 8 jts tag up @ 9715'. 8:30-11:00 Swivel up, start up foam unit, establish circ w/ full returns. 11:00-13:00 Clean out from 9715'- 10,014' KB, sand & scale in returns. 13:00-14:00 Circ hole clean. 14:00-15:00 Swivel down, kill tbg, POOH w/ 25 Stds leaving EOT @ 8439'. RU flowline to leave csg open to tank overnight. 15:00-16:30 Crew travel. Note: Left csg flowing to tank overnight. Will RIH to tag for fill in AM. BHA DATA: OPERATION @ 6 AM:										
8:30-11:00 Swivel up, start up foam unit, establish circ w/ full returns. 11:00-13:00 Clean out from 9715'- 10,014' KB, sand & scale in returns. 13:00-14:00 Circ hole clean. 14:00-15:00 Swivel down, kill tbg, POOH w/ 25 Stds leaving EOT @ 8439'. RU flowline to leave csg open to tank overnight. 15:00-16:30 Crew travel. Note: Left csg flowing to tank overnight. Will RIH to tag for fill in AM. BHA DATA: OPERATION @ 6 AM:			ell & pump 20							
11:00-13:00 Clean out from 9715'- 10,014' KB, sand & scale in returns. 13:00-14:00 Circ hole clean. 14:00-15:00 Swivel down, kill tbg, POOH w/ 25 Stds leaving EOT @ 8439'. RU flowline to leave csg open to tank overnight. 15:00-16:30 Crew travel. Note: Left csg flowing to tank overnight. Will RIH to tag for fill in AM. BHA DATA: OPERATION @ 6 AM:	7:00-7:30		· · · - · ·	8 jts tag up @						
13:00-14:00 Circ hole clean. 14:00-15:00 Swivel down, kill tbg, POOH w/ 25 Stds leaving EOT @ 8439'. RU flowline to leave csg open to tank overnight. 15:00-16:30 Crew travel. Note: Left csg flowing to tank overnight. Will RIH to tag for fill in AM. BHA DATA: OPERATION @ 6 AM:	7:00-7:30 7:30-8:30	Finish RIH w			rc w/ full returns	i -				
14:00-15:00 Swivel down, kill tbg, POOH w/ 25 Stds leaving EOT @ 8439'. RU flowline to leave csg open to tank overnight. 15:00-16:30 Crew travel. Note: Left csg flowing to tank overnight. Will RIH to tag for fill in AM. BHA DATA: OPERATION @ 6 AM:	7:00-7:30 7:30-8:30 8:30-11:00	Finish RIH w Swivel up, st	art up foam u							
15:00-16:30 Crew travel. Note: Left csg flowing to tank overnight. Will RIH to tag for fill in AM. BHA DATA: OPERATION @ 6 AM:	7:00-7:30 7:30-8:30 8:30-11:00 11:00-13:00	Finish RIH w Swivel up, standard Clean out fro	art up foam u m 9715'- 10,0							
Note: Left csg flowing to tank overnight. Will RIH to tag for fill in AM. BHA DATA: OPERATION @ 6 AM:	7:00-7:30 7:30-8:30 8:30-11:00 11:00-13:00 13:00-14:00	Finish RIH w Swivel up, st Clean out fro Circ hole clean	art up foam u m 9715'- 10,0 an.)14' KB, sand 8	scale in return	S.				
BHA DATA: OPERATION @ 6 AM:	7:00-7:30 7:30-8:30 8:30-11:00 11:00-13:00 13:00-14:00 14:00-15:00	Finish RIH w Swivel up, standard Clean out fro Circ hole clean Swivel down,	art up foam u m 9715'- 10,0 an.)14' KB, sand 8	scale in return	S.	to leave csg open	to tank overni	ght.	
BHA DATA: OPERATION @ 6 AM:	7:00-7:30 7:30-8:30 8:30-11:00 11:00-13:00 13:00-14:00 14:00-15:00	Finish RIH w Swivel up, standard Clean out fro Circ hole clean Swivel down,	art up foam u m 9715'- 10,0 an.)14' KB, sand 8	scale in return	S.	to leave csg open	to tank overni	ght.	
BHA DATA: OPERATION @ 6 AM:	7:00-7:30 7:30-8:30 8:30-11:00 11:00-13:00 13:00-14:00 14:00-15:00	Finish RIH w Swivel up, standard Clean out fro Circ hole clean Swivel down,	art up foam u m 9715'- 10,0 an.)14' KB, sand 8	scale in return	S.	to leave csg open	to tank overni	ght.	
OPERATION @ 6 AM:	7:00-7:30 7:30-8:30 8:30-11:00 11:00-13:00 13:00-14:00 14:00-15:00	Finish RIH w Swivel up, st Clean out fro Circ hole clea Swivel down, Crew travel.	art up foam u m 9715'- 10,0 an. kill tbg, POO	014' KB, sand 8 9H w/ 25 Stds l	& scale in return	s. 3439'. RU flowline	to leave csg open	to tank overni	ght.	
OPERATION @ 6 AM:	7:00-7:30 7:30-8:30 8:30-11:00 11:00-13:00 13:00-14:00 14:00-15:00	Finish RIH w Swivel up, st Clean out fro Circ hole clea Swivel down, Crew travel.	art up foam u m 9715'- 10,0 an. kill tbg, POO	014' KB, sand 8 9H w/ 25 Stds l	& scale in return	s. 3439'. RU flowline	to leave csg open	to tank overni	ght.	
OPERATION @ 6 AM:	7:00-7:30 7:30-8:30 8:30-11:00 11:00-13:00 13:00-14:00 14:00-15:00	Finish RIH w Swivel up, st Clean out fro Circ hole clea Swivel down, Crew travel.	art up foam u m 9715'- 10,0 an. kill tbg, POO	014' KB, sand 8 9H w/ 25 Stds l	& scale in return	s. 3439'. RU flowline	to leave csg open	to tank overni	ght.	
OPERATION @ 6 AM:	7:00-7:30 7:30-8:30 8:30-11:00 11:00-13:00 13:00-14:00 14:00-15:00	Finish RIH w Swivel up, st Clean out fro Circ hole clea Swivel down, Crew travel.	art up foam u m 9715'- 10,0 an. kill tbg, POO	014' KB, sand 8 9H w/ 25 Stds l	& scale in return	s. 3439'. RU flowline	to leave csg open	to tank overni	ght.	
OPERATION @ 6 AM:	7:00-7:30 7:30-8:30 8:30-11:00 11:00-13:00 13:00-14:00 14:00-15:00	Finish RIH w Swivel up, st Clean out fro Circ hole clea Swivel down, Crew travel.	art up foam u m 9715'- 10,0 an. kill tbg, POO	014' KB, sand 8 9H w/ 25 Stds l	& scale in return	s. 3439'. RU flowline	to leave csg open	to tank overni	ght.	
OPERATION @ 6 AM:	7:00-7:30 7:30-8:30 8:30-11:00 11:00-13:00 13:00-14:00 14:00-15:00	Finish RIH w Swivel up, st Clean out fro Circ hole clea Swivel down, Crew travel.	art up foam u m 9715'- 10,0 an. kill tbg, POO	014' KB, sand 8 9H w/ 25 Stds l	& scale in return	s. 3439'. RU flowline	to leave csg open	to tank overni	ght.	
OPERATION @ 6 AM:	7:00-7:30 7:30-8:30 8:30-11:00 11:00-13:00 13:00-14:00 14:00-15:00	Finish RIH w Swivel up, st Clean out fro Circ hole clea Swivel down, Crew travel.	art up foam u m 9715'- 10,0 an. kill tbg, POO	014' KB, sand 8 9H w/ 25 Stds l	& scale in return	s. 3439'. RU flowline	to leave csg open	to tank overni	ght.	
OPERATION @ 6 AM:	7:00-7:30 7:30-8:30 8:30-11:00 11:00-13:00 13:00-14:00 14:00-15:00	Finish RIH w Swivel up, st Clean out fro Circ hole clea Swivel down, Crew travel.	art up foam u m 9715'- 10,0 an. kill tbg, POO	014' KB, sand 8 9H w/ 25 Stds l	& scale in return	s. 3439'. RU flowline	to leave csg open	to tank overni	ght.	
	7:00-7:30 7:30-8:30 8:30-11:00 11:00-13:00 13:00-14:00 14:00-15:00 15:00-16:30	Finish RIH w Swivel up, st Clean out fro Circ hole clea Swivel down, Crew travel.	art up foam u m 9715'- 10,0 an. kill tbg, POO	014' KB, sand 8 9H w/ 25 Stds l	& scale in return	s. 3439'. RU flowline	to leave csg open	to tank overni	ght.	
	7:00-7:30 7:30-8:30 8:30-11:00 11:00-13:00 13:00-14:00 14:00-15:00 15:00-16:30	Finish RIH w Swivel up, st Clean out fro Circ hole clea Swivel down, Crew travel.	art up foam u m 9715'- 10,0 an. kill tbg, POO	014' KB, sand 8 9H w/ 25 Stds l	& scale in return	s. 3439'. RU flowline	to leave csg open	to tank overni	ght.	
REMARKS:	7:00-7:30 7:30-8:30 8:30-11:00 11:00-13:00 13:00-14:00 14:00-15:00 15:00-16:30	Finish RIH w Swivel up, st Clean out fro Circ hole clea Swivel down, Crew travel.	art up foam u m 9715'- 10,0 an. kill tbg, POO	014' KB, sand 8 9H w/ 25 Stds l	& scale in return	s. 3439'. RU flowline	to leave csg open	to tank overni	ght.	
	7:00-7:30 7:30-8:30 8:30-11:00 11:00-13:00 13:00-14:00 14:00-15:00 15:00-16:30	Finish RIH w Swivel up, st Clean out fro Circ hole clea Swivel down, Crew travel. Note: Left cs	art up foam u m 9715'- 10,0 an. kill tbg, POO	014' KB, sand 8 9H w/ 25 Stds l	& scale in return	s. 3439'. RU flowline	to leave csg open	to tank overni	ght.	
	7:00-7:30 7:30-8:30 8:30-11:00 11:00-13:00 13:00-14:00 14:00-15:00 15:00-16:30	Finish RIH w Swivel up, st Clean out fro Circ hole clea Swivel down, Crew travel. Note: Left cs	art up foam u m 9715'- 10,0 an. kill tbg, POO	014' KB, sand 8 9H w/ 25 Stds l	& scale in return	s. 3439'. RU flowline or fill in AM.	to leave csg open	to tank overni	ght.	
	7:00-7:30 7:30-8:30 8:30-11:00 11:00-13:00 13:00-14:00 14:00-15:00 15:00-16:30	Finish RIH w Swivel up, st Clean out fro Circ hole clea Swivel down, Crew travel. Note: Left cs	art up foam u m 9715'- 10,0 an. kill tbg, POO	014' KB, sand 8 9H w/ 25 Stds l	& scale in return	s. 3439'. RU flowline or fill in AM.	to leave csg open	to tank overni	ght.	
	7:00-7:30 7:30-8:30 8:30-11:00 11:00-13:00 13:00-14:00 14:00-15:00 15:00-16:30	Finish RIH w Swivel up, st Clean out fro Circ hole clea Swivel down, Crew travel. Note: Left cs	art up foam u m 9715'- 10,0 an. kill tbg, POO	014' KB, sand 8 9H w/ 25 Stds l	& scale in return	s. 3439'. RU flowline or fill in AM.	to leave csg open	to tank overni	ght.	
	7:00-7:30 7:30-8:30 8:30-11:00 11:00-13:00 13:00-14:00 14:00-15:00 15:00-16:30	Finish RIH w Swivel up, st Clean out fro Circ hole clea Swivel down, Crew travel. Note: Left cs	art up foam u m 9715'- 10,0 an. kill tbg, POO	014' KB, sand 8 9H w/ 25 Stds l	& scale in return	s. 3439'. RU flowline or fill in AM.	to leave csg open	to tank overni	ght.	
	7:00-7:30 7:30-8:30 8:30-11:00 11:00-13:00 13:00-14:00 14:00-15:00 15:00-16:30	Finish RIH w Swivel up, st Clean out fro Circ hole clea Swivel down, Crew travel. Note: Left cs	art up foam u m 9715'- 10,0 an. kill tbg, POO	014' KB, sand 8 9H w/ 25 Stds l	& scale in return	s. 3439'. RU flowline or fill in AM.	to leave csg open	to tank overni	ght.	
	7:00-7:30 7:30-8:30 8:30-11:00 11:00-13:00 13:00-14:00 14:00-15:00 15:00-16:30	Finish RIH w Swivel up, st Clean out fro Circ hole clea Swivel down, Crew travel. Note: Left cs	art up foam u m 9715'- 10,0 an. kill tbg, POO	014' KB, sand 8 9H w/ 25 Stds l	& scale in return	s. 3439'. RU flowline or fill in AM.	to leave csg open	to tank overni	ght.	

Bit # In	
Contail Cont	
BIT DATA	
Bit # Size Make Type Serial # Jets Cond Daily Cu	
Bit # Size	
Bit # In	
Bit # In	ımulative
Bit # In	
Pump # Make	
Pump # Make Model Liner SPM Rate Pressure Bits	\$53,60
PUMP # Make Model Liner SPM Rate Pressure Bits	
Pump # Make	
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$3,13
O	•
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$16,20
O O O O O Mud Logger	\$6,25
Depth Deviation Direction Depth Deviation Direction Direction Water \$500	9
Depth Deviation Direction Depth Deviation Direction Water \$500	Φο ο
Labor Supervision Supervision Core/DST	\$2,20
MUD DATA	\$5,50
Weight Visc YP PV Gels WL Cake Cement	
Weight Visc YP PV Gels WL Cake Cement	
Weight Visc YP PV Gels WL Cake Cement	**
Water Wate	\$14,80
Water	¢42.0
AIR DATA-DRILLING AIR Rate Foam Rate Foam Mix Depth Flare Duration Operation Rods Wellhead Wellhead TOTAL \$10,160 Fige EngType Model HP Fuel Type Gallons Used Pump Eng Type Model HP Type Gallons	\$43,97
Air Rate	\$4,25
Air Rate Foam Rate Foam Mix Depth Flare Duration Operation Rods Wellhead Wellhead State St	
Wellhead TOTAL \$10,160 TOTAL \$10,160	
Rig EngType Model HP Fuel Type Gallons Used Pump Eng Type Model HP Gallons Used Total Gals Rig Eng 10 Pump Eng 0 Ttl Rig & Pump 10 Ttl Rig & Pump 10 Ttl Rig & Pump 10 Pump Eng Type Model Right	
Fuel Usage Rig EngType Model HP Fuel Type Gallons Used Pump Eng Type Model HP Gallons Used Pump Eng Eng Type Model HP Gallons Used Pump Eng Eng Eng Descel Detroit Series 50/Diesel 380	01.10.00
Rig EngType Model HP Fuel Type Gallons Used Pump Eng Type Model HP Gallons Use Detroit Series 60 575 Diesel 10esel Detroit Series 50/Diesel 380 380 *** Type Fill Of Series 50/Diesel Rig Eng 10 Pump Eng 0 Ttl Rig & Pump 10 10 *** Hours *** Fill DisTribution *** Fill DisTribution *** Fill DisTribution *** Hours *** Fill DisTribution ** F	\$149,90
Detroit	-ad
Total Gals	eu
TIME DISTRIBUTION	
Hours Crew travel & safety mtg	
5:30-7:00 Crew travel & safety mtg 7:00-8:00 Blow well down & kill tbg w/ 15 bbls. RIH w/ 25 stds, did not tag any fill. 8:00-10:30 Wait for Nalco to arrive to pump biocide. 10:30-11:00 RU Nalco, pump 100 gal. biocide down tbg & displace w/ 40 bbls water. 11:00-15:00 POOH SB w/ 40 stds, RU Nalco pump scale chemical down tbg, & displace tbg w/ 30 bbls, RD Nalco, POOH SB w/ 53 more Stds. LD remaining 126 Jts. LD remaining 126 Jts. 16:30-17:30 Land tbg in WH, RD floor & equip. ND Bop's, NU WH. SDFN 17:30-19:00 Crew travel BHA DATA: OPERATION © 6 AM:	
7:00-8:00 Blow well down & kill tbg w/ 15 bbls. RIH w/ 25 stds, did not tag any fill.	
8:00-10:30 Wait for Nalco to arrive to pump biocide. 10:30-11:00 RU Nalco, pump 100 gal. biocide down tbg & displace w/ 40 bbls water. 11:00-15:00 POOH SB w/ 40 stds, RU Nalco pump scale chemical down tbg, & displace tbg w/ 30 bbls, RD Nalco, POOH SB w/ 53 more Stds. LD remaining 126 Jts. 15:00-16:30 RIH w/ NC, SN, & 93 Stds Land tbg w/ EOT @ 6015′ KB. 16:30-17:30 Land tbg in WH, RD floor & equip. ND Bop's, NU WH. SDFN 17:30-19:00 Crew travel BHA DATA: OPERATION @ 6 AM:	
10:30-11:00 RU Nalco, pump 100 gal. biocide down tbg & displace w/ 40 bbls water. 11:00-15:00 POOH SB w/ 40 stds, RU Nalco pump scale chemical down tbg, & displace tbg w/ 30 bbls, RD Nalco, POOH SB w/ 53 more Stds. LD remaining 126 Jts. 15:00-16:30 RIH w/ NC, SN, & 93 Stds Land tbg w/ EOT @ 6015' KB. 16:30-17:30 Land tbg in WH, RD floor & equip. ND Bop's, NU WH. SDFN 17:30-19:00 Crew travel BHA DATA: OPERATION @ 6 AM:	
11:00-15:00 POOH SB w/ 40 stds, RU Nalco pump scale chemical down tbg, & displace tbg w/ 30 bbls, RD Nalco, POOH SB w/ 53 more Stds. LD remaining 126 Jts. 15:00-16:30 RIH w/ NC, SN, & 93 Stds Land tbg w/ EOT @ 6015' KB. 16:30-17:30 Land tbg in WH, RD floor & equip. ND Bop's, NU WH. SDFN 17:30-19:00 Crew travel BHA DATA: OPERATION @ 6 AM:	
15:00-16:30 RIH w/ NC, SN, & 93 Stds Land tbg w/ EOT @ 6015' KB. 16:30-17:30 Land tbg in WH, RD floor & equip. ND Bop's, NU WH. SDFN 17:30-19:00 Crew travel BHA DATA: OPERATION @ 6 AM:	
16:30-17:30 Land tbg in WH, RD floor & equip. ND Bop's, NU WH. SDFN 17:30-19:00 Crew travel BHA DATA: OPERATION @ 6 AM:	
SDFN 17:30-19:00 Crew travel BHA DATA: OPERATION @ 6 AM:	
17:30-19:00 Crew travel BHA DATA: OPERATION @ 6 AM:	
BHA DATA: OPERATION @ 6 AM:	
OPERATION @ 6 AM:	
OPERATION @ 6 AM:	
OPERATION @ 6 AM:	
OPERATION @ 6 AM:	
OPERATION @ 6 AM:	
OPERATION @ 6 AM:	
OPERATION @ 6 AM:	
OPERATION @ 6 AM:	
OPERATION @ 6 AM:	
	000000000000000000000000000000000000000
REMARKS:	

			KOCH EXP	LOIVATION					
Well:	WHF 107-34				Date:	7/8/2014		Drilled to:	
County/ST:	Uintah, UTAl	Н			Days:	10		Drilled from:	0
Location:	Sec 34, T-10				Rig:	Conquest Well	Service	Footage:	0
Elevation:	0				Supervisor:	Clark		•	
			BIT DA	TA	·			COST DATA (U	S\$)
Bit #	Size	Make	Type	Serial #	Jets	Cond		Daily	Cumulative
			71 -				Location		\$(
							Rig move		\$
Bit #	In	Out	Feet	Hours	WOB	RPM	Rig	\$5,000	\$58,60
					11.02	7.1. 11.	Fuel	, ,,,,,,,	\$
							Camper		\$
			PUMP D	ATA			BOPE	\$360	\$3,49
Pump #	Make	Model	Liner	SPM	Rate	Pressure	Bits	ψοσο	\$
0	0	0	0	0	raio	1 1000010	Air Equip		\$16,20
0	0	0	0	0			Equip rental	\$500	\$6,75
0	0	0	0	0			Mud	φοσο	\$
0	0	0	0	0			Mud Logger		<u> </u>
			SURVEY		L		Trucking	\$1,000	\$3,20
Depth	Deviation	Direction	Depth	Deviation	Direction		Water	\$500	\$6,00
Берит	DEVIALION	PILECTION	Debiii	Deviation	DIRECTION		Labor	φουσ	\$6,00°
									<u></u> \$
					 		Supervision Core/DST	+ +	\$(
			MUD DA	Ι Λ ΤΔ	1	l	Logs	+ +	\$14,80
\\/oight	Visc	YP	PV	Gels	T WL	Cake	Cement		
Weight	VISC	TP	PV	Geis	VVL	Cake			\$(
0/ 0:1	0/ 14/5455	0/ 0 a li al a	-11	0-	OI.	1.004	Fishing		\$43,97
% Oil	% Water	% Solids	рН	Ca	CI	LCM	Misc		\$4,250
							Casing		\$0
	DATA-DRILL				A-DRILLING	I	Tubing		\$0
Air Rate	Foam Rate	Foam Mix	Depth	Flare	Duration	Operation	Rods		\$0
							Wellhead		\$0
							TOTAL	\$7,360	\$157,261
					Fuel Usage		НР	Galler	ns Used
Dia Enatuma	Model	D.	Fuel Tune	Callana Haad		J Madal			
Rig EngType		HP 575	Fuel Type	Gallons Used				Galloi	is Useu
Rig EngType Detroit	Series 60	575	Diesel		Detroit	Series 50/Diese	380	Gallor	is Oseu
				Pump Eng	Detroit 0		380	Galloi	is Useu
Detroit	Series 60	575	Diesel	Pump Eng	Detroit 0 TRIBUTION	Series 50/Diese Ttl Rig & Pump	380	Gallor	is Useu
Detroit Hours	Series 60 Total Gals	575 Rig Eng	Diesel	Pump Eng	Detroit 0	Series 50/Diese Ttl Rig & Pump	380	Galloi	is Useu
Hours 5:30-7:00	Series 60 Total Gals Crew travel 8	575 Rig Eng & safety mtg.	Diesel 10	Pump Eng TIME DIS	Detroit 0 TRIBUTION Operation	Series 50/Diese Ttl Rig & Pump	380	Gallor	is Useu
Hours 5:30-7:00 7:00-9:00	Series 60 Total Gals Crew travel 8 Spot in rig pu	575 Rig Eng & safety mtg. ump & tbg floa	Diesel 10 t. RU pump lin	Pump Eng TIME DIS es. Pump 15 bbls	Detroit 0 TRIBUTION Operation s 2% kcl w/ biocid	Series 50/Diese Ttl Rig & Pump	380	Galloi	is Useu
Hours 5:30-7:00 7:00-9:00 9:00-10:00	Series 60 Total Gals Crew travel & Spot in rig pu	575 Rig Eng & safety mtg. ump & tbg floa J bop's. Equa	Diesel 10 t. RU pump lin lize stack & str	Pump Eng TIME DIS es. Pump 15 bbls ip out tbg hanger	Detroit 0 TRIBUTION Operation s 2% kcl w/ biocid	Series 50/Diese Ttl Rig & Pump e to top kill tbg.	1 380 5 10		is Useu
Hours 5:30-7:00 7:00-9:00 9:00-10:00 10:00-11:00	Series 60 Total Gals Crew travel 8 Spot in rig pu ND WH & NU Strip out & LI	575 Rig Eng safety mtg. Imp & tbg float J bop's. Equat D 15 jts 2 3/8"	Diesel 10 t. RU pump lin lize stack & str tbg. Strip in tb	Pump Eng TIME DIS es. Pump 15 bbls ip out tbg hanger g hanger & land	Detroit 0 TRIBUTION Operation s 2% kcl w/ biocid	Series 50/Diese Ttl Rig & Pump e to top kill tbg.	1 380 5 10		is Useu
Hours 5:30-7:00 7:00-9:00 9:00-10:00	Series 60 Total Gals Crew travel & Spot in rig pu ND WH & NU Strip out & LI ND bop's, NU	575 Rig Eng & safety mtg. ump & tbg floa J bop's. Equa D 15 jts 2 3/8" J WH. RD rig	Diesel 10 t. RU pump lin lize stack & str tbg. Strip in tb & equip, Clear	Pump Eng TIME DIS es. Pump 15 bbls ip out tbg hanger	Detroit 0 TRIBUTION Operation s 2% kcl w/ biocid	Series 50/Diese Ttl Rig & Pump e to top kill tbg.	1 380 5 10		is Useu
Hours 5:30-7:00 7:00-9:00 9:00-10:00 10:00-11:00	Series 60 Total Gals Crew travel & Spot in rig pu ND WH & NU Strip out & LI ND bop's, NU move rig & e	575 Rig Eng safety mtg. Imp & tbg floa J bop's. Equa D 15 jts 2 3/8"	Diesel 10 t. RU pump lin lize stack & str tbg. Strip in tb & equip, Clear	Pump Eng TIME DIS es. Pump 15 bbls ip out tbg hanger g hanger & land	Detroit 0 TRIBUTION Operation s 2% kcl w/ biocid	Series 50/Diese Ttl Rig & Pump e to top kill tbg.	1 380 5 10		is Useu
Hours 5:30-7:00 7:00-9:00 9:00-10:00 10:00-11:00 11:00-14:00	Series 60 Total Gals Crew travel & Spot in rig pu ND WH & NU Strip out & LI ND bop's, NU move rig & e SDFN	575 Rig Eng & safety mtg. ump & tbg floa J bop's. Equa D 15 jts 2 3/8" J WH. RD rig	Diesel 10 t. RU pump lin lize stack & str tbg. Strip in tb & equip, Clear	Pump Eng TIME DIS es. Pump 15 bbls ip out tbg hanger g hanger & land	Detroit 0 TRIBUTION Operation s 2% kcl w/ biocid	Series 50/Diese Ttl Rig & Pump e to top kill tbg.	1 380 5 10		is Useu
Hours 5:30-7:00 7:00-9:00 9:00-10:00 10:00-11:00	Series 60 Total Gals Crew travel & Spot in rig pu ND WH & NU Strip out & LI ND bop's, NU move rig & e	575 Rig Eng & safety mtg. ump & tbg floa J bop's. Equa D 15 jts 2 3/8" J WH. RD rig	Diesel 10 t. RU pump lin lize stack & str tbg. Strip in tb & equip, Clear	Pump Eng TIME DIS es. Pump 15 bbls ip out tbg hanger g hanger & land	Detroit 0 TRIBUTION Operation s 2% kcl w/ biocid	Series 50/Diese Ttl Rig & Pump e to top kill tbg.	1 380 5 10		is Useu
Hours 5:30-7:00 7:00-9:00 9:00-10:00 10:00-11:00 11:00-14:00	Series 60 Total Gals Crew travel & Spot in rig pu ND WH & NU Strip out & LI ND bop's, NU move rig & e SDFN	575 Rig Eng & safety mtg. ump & tbg floa J bop's. Equa D 15 jts 2 3/8" J WH. RD rig	Diesel 10 t. RU pump lin lize stack & str tbg. Strip in tb & equip, Clear	Pump Eng TIME DIS es. Pump 15 bbls ip out tbg hanger g hanger & land	Detroit 0 TRIBUTION Operation s 2% kcl w/ biocid	Series 50/Diese Ttl Rig & Pump e to top kill tbg.	1 380 5 10		is Useu
Hours 5:30-7:00 7:00-9:00 9:00-10:00 10:00-11:00 11:00-14:00	Series 60 Total Gals Crew travel & Spot in rig pu ND WH & NU Strip out & LI ND bop's, NU move rig & e SDFN	575 Rig Eng & safety mtg. ump & tbg floa J bop's. Equa D 15 jts 2 3/8" J WH. RD rig	Diesel 10 t. RU pump lin lize stack & str tbg. Strip in tb & equip, Clear	Pump Eng TIME DIS es. Pump 15 bbls ip out tbg hanger g hanger & land	Detroit 0 TRIBUTION Operation s 2% kcl w/ biocid	Series 50/Diese Ttl Rig & Pump e to top kill tbg.	1 380 5 10		is Useu
Hours 5:30-7:00 7:00-9:00 9:00-10:00 10:00-11:00 11:00-14:00	Series 60 Total Gals Crew travel & Spot in rig pu ND WH & NU Strip out & LI ND bop's, NU move rig & e SDFN	575 Rig Eng & safety mtg. ump & tbg floa J bop's. Equa D 15 jts 2 3/8" J WH. RD rig	Diesel 10 t. RU pump lin lize stack & str tbg. Strip in tb & equip, Clear	Pump Eng TIME DIS es. Pump 15 bbls ip out tbg hanger g hanger & land	Detroit 0 TRIBUTION Operation s 2% kcl w/ biocid	Series 50/Diese Ttl Rig & Pump e to top kill tbg.	1 380 5 10		is Useu
Hours 5:30-7:00 7:00-9:00 9:00-10:00 10:00-11:00 11:00-14:00	Series 60 Total Gals Crew travel & Spot in rig pu ND WH & NU Strip out & LI ND bop's, NU move rig & e SDFN	575 Rig Eng & safety mtg. ump & tbg floa J bop's. Equa D 15 jts 2 3/8" J WH. RD rig	Diesel 10 t. RU pump lin lize stack & str tbg. Strip in tb & equip, Clear	Pump Eng TIME DIS es. Pump 15 bbls ip out tbg hanger g hanger & land	Detroit 0 TRIBUTION Operation s 2% kcl w/ biocid	Series 50/Diese Ttl Rig & Pump e to top kill tbg.	1 380 5 10		
Hours 5:30-7:00 7:00-9:00 9:00-10:00 10:00-11:00 11:00-14:00	Series 60 Total Gals Crew travel & Spot in rig pu ND WH & NU Strip out & LI ND bop's, NU move rig & e SDFN	575 Rig Eng & safety mtg. ump & tbg floa J bop's. Equa D 15 jts 2 3/8" J WH. RD rig	Diesel 10 t. RU pump lin lize stack & str tbg. Strip in tb & equip, Clear	Pump Eng TIME DIS es. Pump 15 bbls ip out tbg hanger g hanger & land	Detroit 0 TRIBUTION Operation s 2% kcl w/ biocid	Series 50/Diese Ttl Rig & Pump e to top kill tbg.	1 380 5 10		
Hours 5:30-7:00 7:00-9:00 9:00-10:00 10:00-11:00 11:00-14:00	Series 60 Total Gals Crew travel & Spot in rig pu ND WH & NU Strip out & LI ND bop's, NU move rig & e SDFN	575 Rig Eng & safety mtg. ump & tbg floa J bop's. Equa D 15 jts 2 3/8" J WH. RD rig	Diesel 10 t. RU pump lin lize stack & str tbg. Strip in tb & equip, Clear	Pump Eng TIME DIS es. Pump 15 bbls ip out tbg hanger g hanger & land	Detroit 0 TRIBUTION Operation s 2% kcl w/ biocid	Series 50/Diese Ttl Rig & Pump e to top kill tbg.	1 380 5 10		
Hours 5:30-7:00 7:00-9:00 9:00-10:00 10:00-11:00 11:00-14:00	Series 60 Total Gals Crew travel & Spot in rig pu ND WH & NU Strip out & LI ND bop's, NU move rig & e SDFN	575 Rig Eng & safety mtg. ump & tbg floa J bop's. Equa D 15 jts 2 3/8" J WH. RD rig	Diesel 10 t. RU pump lin lize stack & str tbg. Strip in tb & equip, Clear	Pump Eng TIME DIS es. Pump 15 bbls ip out tbg hanger g hanger & land	Detroit 0 TRIBUTION Operation s 2% kcl w/ biocid	Series 50/Diese Ttl Rig & Pump e to top kill tbg.	1 380 5 10		
Hours 5:30-7:00 7:00-9:00 9:00-10:00 10:00-11:00 11:00-14:00	Series 60 Total Gals Crew travel & Spot in rig pu ND WH & NU Strip out & LI ND bop's, NU move rig & e SDFN	575 Rig Eng & safety mtg. ump & tbg floa J bop's. Equa D 15 jts 2 3/8" J WH. RD rig	Diesel 10 t. RU pump lin lize stack & str tbg. Strip in tb & equip, Clear	Pump Eng TIME DIS es. Pump 15 bbls ip out tbg hanger g hanger & land	Detroit 0 TRIBUTION Operation s 2% kcl w/ biocid	Series 50/Diese Ttl Rig & Pump e to top kill tbg.	1 380 5 10		
Hours 5:30-7:00 7:00-9:00 9:00-10:00 10:00-11:00 11:00-14:00	Series 60 Total Gals Crew travel & Spot in rig pu ND WH & NU Strip out & LI ND bop's, NU move rig & e SDFN	575 Rig Eng & safety mtg. ump & tbg floa J bop's. Equa D 15 jts 2 3/8" J WH. RD rig	Diesel 10 t. RU pump lin lize stack & str tbg. Strip in tb & equip, Clear	Pump Eng TIME DIS es. Pump 15 bbls ip out tbg hanger g hanger & land	Detroit 0 TRIBUTION Operation s 2% kcl w/ biocid	Series 50/Diese Ttl Rig & Pump e to top kill tbg.	1 380 5 10		
Hours 5:30-7:00 7:00-9:00 9:00-10:00 11:00-14:00 14:00-15:30	Series 60 Total Gals Crew travel & Spot in rig pu ND WH & NU Strip out & LI ND bop's, NU move rig & e SDFN	575 Rig Eng & safety mtg. ump & tbg floa J bop's. Equa D 15 jts 2 3/8" J WH. RD rig	Diesel 10 t. RU pump lin lize stack & str tbg. Strip in tb & equip, Clear	Pump Eng TIME DIS es. Pump 15 bbls ip out tbg hanger g hanger & land	Detroit 0 TRIBUTION Operation s 2% kcl w/ biocid	Series 50/Diese Ttl Rig & Pump e to top kill tbg.	1 380 5 10		
Hours 5:30-7:00 7:00-9:00 9:00-10:00 11:00-11:00 14:00-15:30	Series 60 Total Gals Crew travel & Spot in rig pu ND WH & NU Strip out & LI ND bop's, NU move rig & e SDFN	575 Rig Eng & safety mtg. ump & tbg floa J bop's. Equa D 15 jts 2 3/8" J WH. RD rig	Diesel 10 t. RU pump lin lize stack & str tbg. Strip in tb & equip, Clear	Pump Eng TIME DIS es. Pump 15 bbls ip out tbg hanger g hanger & land	Detroit 0 TRIBUTION Operation s 2% kcl w/ biocid	Series 50/Diese Ttl Rig & Pump e to top kill tbg.	1 380 5 10		
Hours 5:30-7:00 7:00-9:00 9:00-10:00 11:00-14:00 14:00-15:30	Series 60 Total Gals Crew travel & Spot in rig pu ND WH & NU Strip out & LI ND bop's, NU move rig & e SDFN Crew travel	575 Rig Eng & safety mtg. ump & tbg floa J bop's. Equa D 15 jts 2 3/8" J WH. RD rig	Diesel 10 t. RU pump lin lize stack & str tbg. Strip in tb & equip, Clear	Pump Eng TIME DIS es. Pump 15 bbls ip out tbg hanger g hanger & land	Detroit 0 TRIBUTION Operation s 2% kcl w/ biocid	Series 50/Diese Ttl Rig & Pump e to top kill tbg.	1 380 5 10		
Hours 5:30-7:00 7:00-9:00 9:00-10:00 10:00-11:00 11:00-14:00	Series 60 Total Gals Crew travel & Spot in rig pu ND WH & NU Strip out & LI ND bop's, NU move rig & e SDFN Crew travel	575 Rig Eng & safety mtg. ump & tbg floa J bop's. Equa D 15 jts 2 3/8" J WH. RD rig	Diesel 10 t. RU pump lin lize stack & str tbg. Strip in tb & equip, Clear	Pump Eng TIME DIS es. Pump 15 bbls ip out tbg hanger g hanger & land n up location. Lea	Detroit 0 TRIBUTION Operation 2 2% kcl w/ biocid tbg in WH. w/ EO eve well SI.	Series 50/Diese Ttl Rig & Pump e to top kill tbg.	1 380 5 10		
Hours 5:30-7:00 7:00-9:00 9:00-10:00 11:00-14:00 14:00-15:30 BHA DATA:	Series 60 Total Gals Crew travel & Spot in rig pu ND WH & NU Strip out & LI ND bop's, NU move rig & e SDFN Crew travel	575 Rig Eng & safety mtg. ump & tbg floa J bop's. Equa D 15 jts 2 3/8" J WH. RD rig	Diesel 10 t. RU pump lin lize stack & str tbg. Strip in tb & equip, Clear	Pump Eng TIME DIS es. Pump 15 bbls ip out tbg hanger g hanger & land n up location. Lea	Detroit 0 TRIBUTION Operation s 2% kcl w/ biocid	Series 50/Diese Ttl Rig & Pump e to top kill tbg.	1 380 5 10		
Hours 5:30-7:00 7:00-9:00 9:00-10:00 11:00-14:00 14:00-15:30 BHA DATA:	Series 60 Total Gals Crew travel & Spot in rig pu ND WH & NU Strip out & LI ND bop's, NU move rig & e SDFN Crew travel	575 Rig Eng & safety mtg. ump & tbg floa J bop's. Equa D 15 jts 2 3/8" J WH. RD rig	Diesel 10 t. RU pump lin lize stack & str tbg. Strip in tb & equip, Clear	Pump Eng TIME DIS es. Pump 15 bbls ip out tbg hanger g hanger & land n up location. Lea	Detroit 0 TRIBUTION Operation 2 2% kcl w/ biocid tbg in WH. w/ EO eve well SI.	Series 50/Diese Ttl Rig & Pump e to top kill tbg.	1 380 5 10		
Hours 5:30-7:00 7:00-9:00 9:00-10:00 11:00-14:00 14:00-15:30	Series 60 Total Gals Crew travel & Spot in rig pu ND WH & NU Strip out & LI ND bop's, NU move rig & e SDFN Crew travel	575 Rig Eng & safety mtg. ump & tbg floa J bop's. Equa D 15 jts 2 3/8" J WH. RD rig	Diesel 10 t. RU pump lin lize stack & str tbg. Strip in tb & equip, Clear	Pump Eng TIME DIS es. Pump 15 bbls ip out tbg hanger g hanger & land n up location. Lea	Detroit 0 TRIBUTION Operation 2 2% kcl w/ biocid tbg in WH. w/ EO eve well SI.	Series 50/Diese Ttl Rig & Pump e to top kill tbg.	1 380 5 10		
Hours 5:30-7:00 7:00-9:00 9:00-10:00 10:00-11:00 11:00-14:00	Series 60 Total Gals Crew travel & Spot in rig pu ND WH & NU Strip out & LI ND bop's, NU move rig & e SDFN Crew travel	575 Rig Eng & safety mtg. ump & tbg floa J bop's. Equa D 15 jts 2 3/8" J WH. RD rig	Diesel 10 t. RU pump lin lize stack & str tbg. Strip in tb & equip, Clear	Pump Eng TIME DIS es. Pump 15 bbls ip out tbg hanger g hanger & land n up location. Lea	Detroit 0 TRIBUTION Operation 2 2% kcl w/ biocid tbg in WH. w/ EO eve well SI.	Series 50/Diese Ttl Rig & Pump e to top kill tbg.	1 380 5 10		
Hours 5:30-7:00 7:00-9:00 9:00-10:00 11:00-14:00 14:00-15:30	Series 60 Total Gals Crew travel & Spot in rig pu ND WH & NU Strip out & LI ND bop's, NU move rig & e SDFN Crew travel	575 Rig Eng & safety mtg. ump & tbg floa J bop's. Equa D 15 jts 2 3/8" J WH. RD rig	Diesel 10 t. RU pump lin lize stack & str tbg. Strip in tb & equip, Clear	Pump Eng TIME DIS es. Pump 15 bbls ip out tbg hanger g hanger & land n up location. Lea	Detroit 0 TRIBUTION Operation 2 2% kcl w/ biocid tbg in WH. w/ EO eve well SI.	Series 50/Diese Ttl Rig & Pump e to top kill tbg.	1 380 5 10		
Hours 5:30-7:00 7:00-9:00 9:00-10:00 11:00-14:00 14:00-15:30	Series 60 Total Gals Crew travel & Spot in rig pu ND WH & NU Strip out & LI ND bop's, NU move rig & e SDFN Crew travel	575 Rig Eng & safety mtg. ump & tbg floa J bop's. Equa D 15 jts 2 3/8" J WH. RD rig	Diesel 10 t. RU pump lin lize stack & str tbg. Strip in tb & equip, Clear	Pump Eng TIME DIS es. Pump 15 bbls ip out tbg hanger g hanger & land n up location. Lea	Detroit 0 TRIBUTION Operation 2 2% kcl w/ biocid tbg in WH. w/ EO eve well SI.	Series 50/Diese Ttl Rig & Pump e to top kill tbg.	1 380 5 10		